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62,177

Seeds *for the* South

19



22

E. A. MARTIN SEED CO.

JACKSONVILLE
FLORIDA





We are members of
the Southern Seeds-
men's Association.
Organized in the in-
terest of better seeds
for the Southern
States.

MARTIN'S Hy-Test Seeds —AND— Roseland Farm

THE establishment of Roseland Farm to try out thoroughly and give the proof-positive test to Hy-Test Seeds was an experiment and an expensive one. But, having proven entirely successful in every way, the venture has been worth all its cost in time, energy and money. The result is that when we ship our seed orders to you now we know that every seed we send is the kind that will succeed for you. The consciousness we possess of our customers' complete satisfaction is our reward for an expensive experiment.

Roseland Farm, ideal and fully equipped to perform the functions for which it was designed, has brought to us a success that is little less than remarkable. All of our customers are enthusiastic in their praise of Hy-Test Seeds because of the unfailing successes each purchaser has achieved through their use. Our friends are telling their neighbors about our seed, with the inevitable result that our customers are multiplying and E. A. Martin Seed Company's business is increasing with gratifying regularity.



LIVINGSTON'S GLOBE TOMATO



MARTIN'S
BLACK
VALENTINE
BEANS

We appreciate this goodwill no less than the business we are receiving. The compliments and kind words our customers have given us are valued as highly as their orders. And in return we are giving the best of our ability and efforts to supply the buying public with only the very best, tried-out and thoroughly-tested seeds—seeds that are tested on our own Roseland Farm under local conditions, not seeds that are merely tested in the seed tester; we test them that way, too.

We hope to be favored with your order for spring seeds, and we ask that you place your order early, please.

E. A. MARTIN
Seed Company
JACKSONVILLE :: FLORIDA

Our Terms are Cash With All Orders.

Corner Newnan and Bay Streets
JACKSONVILLE, FLORIDA

Our Order No.

Mark Zone No. Here

Please do not write here

Name Date.....1922

Postoffice State.....

Street or } _____ R. D. _____ Box _____
County } _____

Express or Freight Office { If different } Forwarded
from P. O. }

Forwarded by.....
(Parcel Post, Express or Freight)

AMOUNT ENCLOSED

**Make money orders
or checks payable to
E. A. Martin Seed Co.**

Money Order\$.....

Draft or Check.....\$.....

Postage Stamps\$.....

Cash \$.....

See reverse side for table of Parcel Post Rates to different Zones. Your local postmaster will tell you in which Zone you reside as regards Jacksonville.

More order blanks will be sent upon request. Always write letters on a separate sheet.

[illegible]

 Goods desired C. O. D. must be accompanied by a partial remittance to guarantee acceptance.
No perishable stock will be sent C. O. D.

We will consider it a special favor if you write below the names of some of your friends who use Seeds:

Names	Postoffice	County	State	R. D. Box

PARCEL POST

IMPORTANT.

We supply with this catalog a return envelope, in which you may enclose your order and money, and mail by a Registered Letter. However, if you send your Personal Check, Money Order, Express Money Order or Bank Draft, these need not be registered. Postage stamps taken the same as money in any amount.

Since seeds have been admitted under Parcel Post, it is a great advantage to farmers residing many miles from a railroad, as seeds and other articles can be delivered to their door, thus saving a trip to town. Besides, the rates are very reasonable up to 400 or 500 miles. Should you wish to order large quantities of seeds by Parcel Post, write for special prices.

DOMESTIC PARCEL POST RATES On Seeds, Plants, Bulbs, Roots, Books, Tools, etc., within the U. S. and Possessions.	First pound or fraction	Each additional pound or fraction
First Zone....Jacksonville or 50 miles thereof..	5c	1c
Second Zone...within 50 to 150 miles.....	5c	1c
Third Zone...within 150 to 300 miles.....	6c	2c
Fourth Zone...within 300 to 600 miles.....	7c	4c
Fifth Zone...within 600 to 1,000 miles.....	8c	6c
Sixth Zone...within 1,000 to 1,400 miles.....	9c	8c
Seventh Zone...within 1,400 to 1,800 miles.....	11c	10c
Eighth Zone...all over 1,800 miles.....	12c	12c

READ THIS

These seeds are all grown especially for us, and are fresh, genuine and reliable. We handle no commission seeds.

Seeds of the best quality often fail to germinate by reason of improper planting, weather conditions, etc.; in fact, most failures are from disregard of necessary conditions, and since these conditions are so varied and so far beyond our control, it is impracticable for us to in any way guarantee crop results, and while we exercise every care in reason, we give no warranty, express or implied, as to description, quality, productiveness or any other matter of any seeds, and will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

Market Gardeners, or other large planters, requiring larger quantities of seeds than are here offered, are invited to write us for Special Prices, and must be sure to name varieties and quantities they will want.

Please bear in mind that the prices given in this book include cost of postage, except where noted. For Peas, Beans and Corn, add proper amount as shown by parcel post table to cover package. If purchasers desire forwarded by express, they may omit the amount required for postage.

Seeds by Express or Freight. We deliver seeds to any express or railroad company, the purchaser to pay transportation charges upon receipt of goods.

Name, Address, Etc. When ordering please give your name and full address. Many orders reach us on which the name or postoffice address is lacking. It is, of course, impossible to fill these orders until they are identified.

How to Send Money. Money can be sent at our risk, either by personal check, postoffice order, bank draft, express order or registered letter. If your order amounts to \$1 or more, it is best to send by one of the above methods. Postage stamps received the same as cash. Always be sure to sign your name, postoffice, county and state. Payment should always accompany the order.

FREE FLORIDA'S LEADING FARM PAPER FREE

From time to time we have many requests for information on general farming in Florida from almost every state in the Union. Ofttimes it is practically impossible to answer such inquiries by letter, and at the suggestion of some of our old customers, we are recommending one of Florida's leading farm papers as a source of valuable information covering farming operations in Florida and the Southeast for the benefit of those of our customers who wish to give careful study to the question of farming in Florida. We have arranged with the publishers to furnish, without extra charge, one year's subscription to The Farmer and Stockman

to every person sending us an order for seeds, plants, or any materials listed in this catalog, amounting to \$3.50 or more. The Farmer and Stockman is published every Saturday at Jacksonville and is regarded by many as the foremost livestock and general farming paper in Florida and the Southeast. In sending in your order to take advantage of this offer, please be sure to state if you are already a subscriber to The Farmer and Stockman, and if so, upon receipt of your order, your subscription will be paid up one year ahead. Remember this means that you will receive Florida's leading farm and livestock paper one year free of cost to you when you send us an order amounting to \$3.50 or more.

ATTENTION! MARKET GARDENERS, TRUCK GROWERS, LARGE FARMERS

We want you to go over this catalog carefully, make up a list of the seeds you need and the quantities of each, and send to us for special prices.

We are in close touch with you, understand your soil and climate, and our many years' experience in the State has taught us the needs of the Florida farmer, and we are in position to serve you better than any outsider.

We have one of the largest stocks of selected and tested seed to be found in the South. We know that, quality considered, we can supply your wants at as reasonable prices as any other Seedsman or Grower, and can give you quick service. We are here to serve you and hope that you will call on us often.

FLORIDA—State of Remarkable Resources

IN ORDER to get a true understanding of Florida's remarkable advantages and resources the reader should first consult a map of North America. From the map it will be noted that the Peninsular State is located at the southeast corner of the United States. Contrary to the general idea Florida is not located in a tropical latitude, but, as reference to the map will show, about four-fifths of the State is bounded on the east by the Atlantic ocean and on the west by the Gulf of Mexico, while Northwest Florida also has the Gulf for its southern boundary.

CLIMATIC INFLUENCES.

The Gulf is a near-tropical water and as that part of the South Atlantic which forms Florida's eastern boundary carries a tropical ocean current, the Gulf stream, it will be readily seen that in spite of the fact that Florida is several hundred miles north of the equator, its winter climate is greatly influenced by the warm bodies of water that almost surround it.

At the point of the greatest width the peninsular part of Florida is not over a hundred and fifty miles wide, and it is natural that warm air currents from either the east or the west should result in the mild winter climate for this favored section that has long made it famous as a winter resort.

It happens that the same agencies that produce a mild and pleasant winter climate in Florida also cool the State in summer. The waters of the Atlantic and Gulf have a marked effect upon the temperature of the air and are also responsible for the continually moving air currents, resulting in cool ocean breezes across the peninsula for the greater part of the days and nights of the summer months.

The foregoing facts are the foundations of Florida's delightful climate, delightful from the standpoint of both health and comfort. Mild winters mean outdoor living and freedom to a large extent of diseases that result from confinement, lack of exercise, impure air, etc., while breezy summer days make sunstroke and heat prostration terms that are almost unknown in Florida.

FLORIDA'S LOCATION.

From the standpoint of industry Florida's location is unexcelled. By rail she is within twenty-six hours of New York, thirty-three hours from Chicago, twenty hours from New Orleans, twenty hours from Washington and over night from Charleston, Atlanta and Birmingham. First-class steamship lines ply between Jacksonville and Baltimore, Philadelphia, New York and Boston. Within a few hours by steamer from Key West is Havana, the capital and metropolis of the island republic of Cuba. Regular Florida sea-ports include Jacksonville, Fernandina, Miami, Key West, Tampa, Port St. Joe and Pensacola. Key West is nearer to the Panama Canal than any other port in the United States by several hundred miles.

There are 54,861 square miles in Florida, of which not to exceed ten per cent is under cultivation. At this writing Florida's population is easily one million persons, the bulk of whom are confined to its cultivated areas, so it will be seen that those parts of the State which are called settled, are in reality quite thickly settled.

TOPOGRAPHY OF FLORIDA.

The thing that surprises the newcomer to Florida is its great variety of agricultural lands. Parts of the State are quite flat and close to sea level, but there is much high land, elevations running anywhere from 200 to 400 feet, and all this within a few miles of tide-water. Northeast Florida is generally level, while Northwest Florida becomes rugged and hilly. The bulk of Central Florida, a few miles from either coast, is high and rolling and in some places almost rugged, while South Florida is generally level but with sufficient elevation above the sea to make drainage of its agricultural lands entirely successful. The same description applies to what are known as the East and West Coasts.

FLORIDA'S CITIES.

Florida is not a manufacturing State and therefore has no really large cities. Jacksonville, the metropolis, has a population of 125,000; Tampa, 70,000; Miami, 35,000; Pensacola, 25,000, and Key West, 20,000. More than a score of other cities in the State, including Gainesville, Orlando, St. Augustine, Lakeland, Tallahassee, St. Petersburg, West Palm Beach,

Daytona, Fort Myers, Ocala, Lake City, Live Oak and others have populations ranging from five to ten thousand. The cities of Florida are, as a rule, strictly modern and up-to-date. They are provided with good schools, churches, public buildings and are well paved and well governed. Almost without exception all are showing a healthy growth, keeping pace with the general growth and development of the State.

AGRICULTURE IN FLORIDA.

One of the first important requisites to successful agriculture in any section is soil. Florida's agriculture is greatly diversified and to meet this situation nature has seen to it that her soils are likewise greatly diversified.

In Northwest Florida, noted for its corn, cotton, tobacco and general farm crops, we find a rich clay soil.

Northeast Florida is made up largely of flat woods pine land, very fertile and yielding good big crops under proper cultivation.

The East Coast contains much hammock and flatwoods land and to the southeast considerable muck and marl lands, all of which are admirably adapted to the variety of crops that have made this section famous.

FLORIDA SCENERY.

The rolling lands of North-Central Florida contain considerable clay and grow the best general farm and vegetable crops, while farther south, the lands, still high, contain a sufficient mixture of sandy loam to make them heavy producers of the best citrus and vegetables that the State affords. Below this section in South Florida there are vast prairies of pine and muck lands, the latter very rich and the former sufficiently fertile to reward the farmer handsomely for intelligent effort.

THE EVERGLADES OF FLORIDA.

A section of Florida, peculiar unto itself, that offers rich promise in agricultural production for the future, is what is known as the Everglades section. This section lies mainly to the east, south and southwest of Lake Okeechobee, the largest inland body of fresh water wholly within the United States, with the exception of Lake Michigan.

The soil of the Everglades section is a rich muck, the accumulation of decayed vegetation for many years. In the past, during a considerable portion of the year, a large part of this section has been either under water or too wet for cultivation.

About ten years ago the first definite plan of draining this big body of fertile land was presented to the people of Florida and the State government was authorized to begin one of the most extensive drainage projects that has ever been undertaken in this country. This plan includes numerous large canals from Lake Okeechobee to tide-water, with a view toward lowering the water level in the lake as well as providing an outlet for the surplus water on the lands adjacent to or in the vicinity of the canals.

At this writing, with several of the canals completed and in operation, the water level of Lake Okeechobee has been very materially lowered, and immense

areas of rich Everglades land along the lake and canals reclaimed for cultivation. No fertilizer is necessary as these lands in themselves are inexhaustibly rich in plant food. Most of the crops growing in Florida do well in Everglade muck. Such crops as corn and Irish potatoes, and practically all vegetable crops for that matter, do exceptionally well and give unusually heavy yields. The muck soil in the Everglades varies in depth from one to twenty feet.

Contrary to the general idea the Everglades of Florida do not consist of a tangled jungle and swamp. On the other hand their greatest area is open prairie covered with a heavy growth of sawgrass. These lands cultivate easily and under proper treatment respond to cultivation quickly.

Live stock farms, both large and small, devoted to raising improved beef cattle, dairy cattle and hogs are being established in many parts of this section. When the fact is considered that this great body of land with its inexhaustible fertility carries with it a climate that permits the growing of crops for 365 days out of the year it must be admitted that the Everglades of Florida are a tremendous agricultural asset to the Nation.



E. A. MARTIN SEED COMPANY, JACKSONVILLE, FLORIDA



Our Retail Store and Offices

Seeding the Home Garden—Data for an Acre Plot

ARTICLE FROM FLORIDA TIMES-UNION

SELECTION OF SEED

Having carefully attended to all details of drainage, irrigation, fertilization and preparation of the soil, the next consideration and probably the most fundamental of them all is the selection and planting of the best varieties of seed. In these days of specialization the farmer does not care to devote time and attention to growing his own seed, but prefers to leave this highly important work to a seed specialist. Some of our commonest vegetables, if propagated from Southern-grown seed, will not produce satisfactory crops in the South. As an example, celery seed, even if grown in the most highly developed of our celery sections, will produce light stalks with hollow hearts. Again, bean seed grown in the best of the Southern trucking districts, will not result in as early maturing a crop as from the Northern-grown bean seed. In the North the growing season is shorter, and crops develop an early maturing characteristic which is transmitted through the seed to the next crop. Thus even the most experienced seedsman must import some of the seed he sells, and upon which his reputation as a successful and reliable seed merchant depends just as largely as upon the seed which he grows on his own farm. The necessity of planting good seed is apparent to all experienced gardeners. The large outlay for fertilizer, irrigation and labor, which is the biggest expense in farming, may be entirely wasted if the seed fails to grow and even a poor germination, or the sowing of a variety not adapted to local conditions, will result in the loss of the season's profits. What then are the characteristics of good seed and where may we expect to find it?

GOOD SEED

In the opinion of Mr. E. A. Martin, one of the most experienced seedsman and farmers in Florida, good seed is seed produced from healthy, vigorous plants, well fed and cared for, of known good qualities and grown under suitable climatic conditions. It must have a high test of germination, and must best meet the demands of the local market in the crops it produces. Only an experienced and highly capable seed grower can produce such seed. For instance, in Mr. Martin's organization there are professional plant breeders, plant physiologists and pathologists, agricultural chemists, soil technologists and what not. All of these are vital to the progress and continued success of any reputable seed farm. What does the average farmer know of "Mendelism," of individual cell-resistance, or of pollination characteristics? Yet these are every-day technicalities in the production of good seed.

In addition to his force of technical experts, there is the life-time's experience in farming and seed selection of Mr. Martin and others associated with him. Such an organization is in a position to give the best advice and information to growers on all questions pertaining to farming and seed selection, as well as to grow the very best seed possible and to insure the supply of only the best of the foreign-grown seed. This leads us to a second consideration connected with the success of the seedsman—his ability of securing and his knowledge of the best supply of home and foreign-grown seed.

As mentioned before, there are certain kinds of seed best grown in other sections of the country. Maine is one of the leading potato-growing regions of the United States and we find that Maine seed potatoes are favored by our Southern planters, for past experience has proven them to have given the best results when tried out with seed from other sections

of the country, although there was some acreage planted in Western-grown seed during the past season on account of the short supply of Maine seed.

Some vegetables do not mature seed properly in the North and such seed must be grown in more favorable sections. For example, the best Bermuda onion seed is obtained from the Bermuda Islands, as seed of this variety grown in this country will not give good results.

BEWARE OF CHEAP SEED

Frequently a seed grower contracts to sell a pound of tomato seed for less than the price of one bushel and one peck of good tomatoes. It takes about this quantity of tomatoes to yield a pound of seed, so such a price at once indicates that there is something wrong. Canners often sell the seed from over-ripe tomatoes of mixed varieties. Such seed is usually worthless, but the canner is able to sell it at a low figure. Good tomato seed always costs more than the price of the good tomatoes required to produce such seed.

Again there is the case of the firm or seed grower selling very low-priced watermelon and cantaloupe seed. He is able to do this by gathering the seed from rotten or cull melons; such seed should not be planted even if obtained for nothing. The grower of high-test seed must get a price sufficient to cover the cost of the good melons, plus the value of good seed.

In each seed-producing section, Mr. Martin says, there are a select few seed growers who produce the highest quality seed and with whom he places a "grower's contract" to grow a specified acreage of seed for him each year. It takes years of trial and experience on the part of the seed firm to locate the most dependable seed growers and it is this stock of information which constitutes a seedsman's greatest trade asset. An unscrupulous seed house may get seed from the identical regions from which a reliable firm obtain their supply and yet the former house may not pay one-quarter as much for it. Some seed grower may contract to deliver seed to a seed house at such a low figure, but in order to do so he must neglect important steps in the production of good seed and perhaps gather such seed from plants of doubtful characteristics, poorly grown and not matured. The firm which finally sells such stuff to the farmer may charge as much as a more reliable seed house and thus make quick profits, but its reliability will soon become known by the disastrous results experienced by the grower. Thus we see how essential it is to buy from a reliable and experienced seedsman only seed of high testation of seed selection; buy your seed from a reputable seed firm and buy only the best. The best is often the highest priced, but may mean the difference between profit and loss, success and failure.

VACANT LOT GARDENING

Has proved that with a small plot of ground even an amateur, if he will follow good advice, can rival the best farming records.

MARTIN'S SEEDS ARE TESTED SEEDS



Martin's Sea Island Cotton

Martin's Sea Island Cotton Seed

Direct from Edisto Island off the Coast of South Carolina

Every grower of Sea Island Cotton knows the importance of planting these seeds as well as the almost impossibility of getting them. We shall have two grades which are the result of fifteen years of special selection and culture.

SUPERFINE.—Sells at 70 cents per pound. Splendid bearer; yields per acre, if conditions are right, 150 to 250 pounds lint. 100 pounds of Seed Cotton gives 24 pounds of lint. Bu., \$4.50.

IMMUNE.—Same as above, only it is practically proof against all attack of cotton blight, wilt and black rot. Is the result of special selection with that end in view. To illustrate: We had a five-acre piece that blighted so badly it made only 105 pounds of Seed Cotton. Had to plant the whole in slip sweet potatoes. The next season we had enough Immune Seed to plant this piece, by putting two or three seeds in hill with the hands, and the result was we gathered over 4,000 pounds of Seed Cotton on this piece. Anyone whose lands show signs of cotton blight, wilt and black rot will do well to use this Seed. Razed and sacked, 42 pounds to bushel. Bu., \$3.75.

COTTON SEED

Write us for any special information you may want on cotton.

Re-Improved Early King

This is one of the quickest maturing, heaviest yielding varieties of cotton known. It has been a boon to the Farmers in the sections where

the boll weevil has made its appearance. Pound, 35c; 3 pounds, \$1.00, postpaid. Not prepaid, 10 lbs., 90c; 32 lbs., \$2.25; 100 lbs., \$7.00.

Wannamaker's Improved Cleveland Big Boll

This variety is fast becoming the most popular variety of cotton in the South. It is grown and recommended by the Hon. Harvey Jordan, president of the Cotton Growers' Association. The seeds are small, the per cent of lint is high—38% to 40%—the stalks grow erect, and the foliage is light enough to permit the sun's rays in to make it uncomfortable for Mr. Weevil. We highly recommend this variety to both those in and out of the boll-weevil districts. Pound, 35c; 3 pounds, \$1.00, postpaid. Not prepaid, 10 lbs., 90c; 32 lbs., \$2.25; 100 lbs., \$7.00.

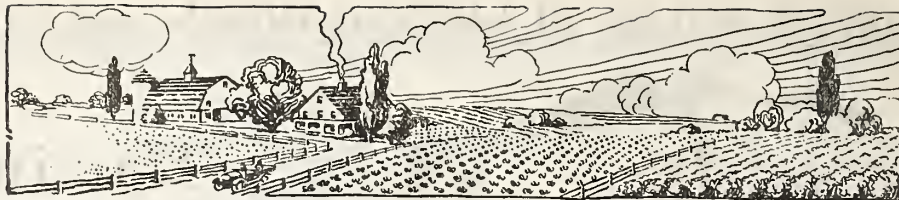
MARTIN'S HY-TEST SEEDS ARE THE BEST SEEDS YOU CAN BUY—THE KIND THAT WILL "MAKE GOOD" FOR YOU.



Field of Wannamaker's Improved Cleveland Big Boll Cotton

MR. COTTON GROWER—WRITE TO THE UNITED STATES DEPARTMENT OF AGRICULTURE, BUREAU OF ENTOMOLOGY, FOR BULLETIN NO. 731. IT WILL GIVE VALUABLE INFORMATION ON "POISONING COTTON BOLL WEEVIL."

GARDEN SEEDS



Both the backyard gardener and the market gardener are the money-makers today at the present high prices of foodstuffs. If you have the space and are not raising your own vegetables you are passing up the most profitable opportunity you ever had. A few packets of seed will produce enough vegetables for your table in season, and to can for use out of season. Reduce your cost of living—ORDER NOW.

E. A. MARTIN SEED CO. give no warranty, express or implied, as to description, quality, productiveness or any other matter of any Seeds, Bulbs, or Plants they send out and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned and any money paid will be refunded.

ASPARAGUS

Sow one ounce for 60 feet of drill, in rows 1 foot apart. When two years old transplant into permanent beds, which should be well and deeply manured, and trenched to the depth of 2 feet. Set the plants (in rows) from 3 to 4 feet apart, and 2 feet in the rows, spreading out the roots and covering from 6 to 8 inches. On the approach of winter cover with manure or compost; fork the beds early in the spring and apply a dressing of salt. Cut for use the second year after planting in permanent bed.

ASPARAGUS SEED

Succeeds well in any good, rich soil, but a light, warm soil which has been heavily manured for previous crops is best.

(No. 1) **GIANT ARGENTEUIL**.—Originally a selection from imported French stock, but has been both acclimated and improved, and is much superior to the original stock. It has been grown for several years by the most successful truckers and is pronounced far superior to any other variety in earliness, productiveness and size, and always sells at a higher price in northern markets. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00

(No. 2) **PALMETTO**.—Although of southern origin, it is well adapted to the North and it is extensively grown for the markets; it brings high prices, owing to its large size, beautiful color and regularity of stalk. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

Seed Potatoes

We have just received our supply of Genuine Northern-grown Seed Potatoes, and beg to quote the following varieties in 150-lb. sacks. Prices subject to change:

(No. 3) **EARLY RED BLISS TRIUMPH**.—Pk., \$1.00; bu., \$3.00.

(No. 4) **SPAULDING'S NO. 4 ROSE**.—Pk., \$1.00; bu., \$3.00.

Write for special prices on 5-bag lots or more.



Giant Argenteuil Asparagus

Artichoke Roots

Most valuable food for hogs that can be grown. Every hog raiser should plant them. After one acre is planted their value will be so appreciated that larger areas will be devoted to them. They are not only very healthful, but as a fattening agent are unexcelled. They yield very heavily, 200 to 350 bushels to the acre being realized on good soil. It is not necessary to dig them, for if given an opportunity the hogs will help themselves. Not only are they valuable for hogs, but are an excellent food for cattle, sheep and horses.

Artichokes need planting but once and little or no culture after the first year. Cut as potatoes, only smaller; plant in rows 3½ feet apart. Plow deep, plant shallow, say 2 inches. The second year, break up the ground as for corn; they will come up thickly all over the surface. Run through each way with a cultivator when a few inches high.

(No. 5) **JERUSALEM**.—Grown from roots or tubers. Their greatest value is for feeding to stock, being particularly desirable for hogs, making an enormous yield of healthy and nutritious feed. They also make a large growth of tops, which can be used for feed. Cultivate like potatoes. Lb., postpaid, 30c; pk., not postpaid, \$1.00; bu., \$3.75.

Dwarf Beans

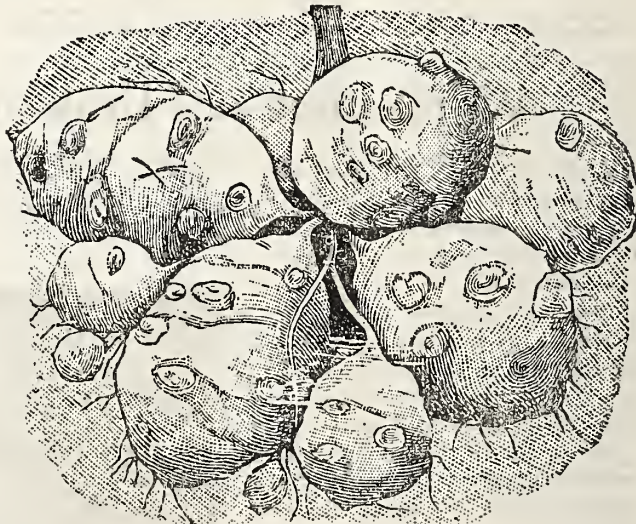
(No. 6)

CALLED STRING BEANS, BUSH BEANS AND SNAP BEANS.

One quart to 150 feet in drills, or 150 hills; 1½ bushels to the acre, in drill. Mature for table use from 30 to 50 days from germination, according to variety.

Some varieties will no doubt be exhausted before the demand is supplied. Some of the Wax varieties were a total failure and we are unable to quote price.

CULTURE.—Plant from end of December, and for succession, every two weeks until May. Beans planted in this latitude during June and July will not produce much. August and September are good months in which to plant again. They are ready for the table in from 30 to 50 days after planting. Beans do not require heavy manuring; in fact, if the soil is fairly good, it is better to use a good fertilizer. The fertilizer should be well mixed in the furrow with the soil before the Beans are planted. For field culture plant in rows 2½ feet apart and about 3 inches between the Beans, covering the seed to a depth of about 3 inches. If to be cultivated by hand in small gardens, the rows may be 18 inches apart. Up to the time of blooming cultivate often. Prices on Beans, 2 lbs. or less, postpaid.



Jerusalem Artichoke

Green-Podded Beans

(No. 7) **GIANT STRINGLESS GREEN POD**.—Somewhat similar to Burpee's Stringless, but pod is a little longer, straighter and more slender, more depressed between beans and slightly lighter in color; early, hardy and of highest quality. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$2.75; 60 lbs., \$9.75; 100 lbs., \$15.00.

(No. 8) **IMPROVED EARLY RED VALENTINE**.—This is one of the best; earlier than the old Early Red Valentine. The vine is dwarf, the pods are smooth, round, stringless and very thickly set, remaining green and tender a long time after they are fit to pull. Vine very uniform, making little or no top growth, and producing enormously—the great market-garden, green-colored snap bean. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$2.75; 60 lbs., \$10.00; 100 lbs., \$15.50.

SEEDS, BULBS, PLANTS, GARDEN and POULTRY SUPPLIES

DWARF GREEN-PODDED BEANS—Continued

(No. 9) **LONGFELLOW**.—A superior type of green-podded snap bean; early, hardy, prolific, round pods of attractive appearance. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$2.75; 60 lbs., \$9.50; 100 lbs., \$15.00.

(No. 10) **EXTRA-EARLY REFUGEE**.—Has all the good qualities of the well-known Refugee, but is ten days earlier. Very productive, and sure to produce a crop either in a wet or a dry season. A fine shipper, and fast becoming one of our most popular round, green-podded snaps for both spring and summer planting. This Bean is always sure of bringing the very best prices in market. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$2.50; 60 lbs., \$9.00; 100 lbs., \$14.50.

(No. 11) **REFUGEE, OR 1,000 TO 1**.—One of the best snaps for main crop and late or succession plantings. It is enormously productive. The snaps are round-podded, tender and of excellent table qualities. Later than the early kinds, but continues in bearing much longer and is more productive. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$2.75; 60 lbs., \$9.75; 100 lbs., \$15.00.

(No. 12) **BURPEE'S STRINGLESS GREEN POD**.—Claimed to be harder and will stand frost better than any other early kind, and that it is entirely stringless. It makes a round-podded snap, tender and of excellent quality. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$3.00; 60 lbs., \$11.00; 100 lbs., \$17.50.

(No. 13) **BLACK VALENTINE**.—This variety is becoming more popular each season. It is very hardy and will stand more frost and cold weather than other kinds, and consequently can be planted earlier with less risk of injury by cold. It is fully as quick-growing as the Red-speckled Valentine, very productive and makes round, straight, tender pods of attractive appearance, both for market and home use. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$2.75; 60 lbs., \$10.50; 100 lbs., \$17.

WAX-PODDED BUSH OR SNAP BEANS

(No. 14) **DAVIS' WHITE KIDNEY WAX**.—Pods remarkably long, straight and of a handsome waxy white color; enormously productive. Seed white. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$2.75; 60 lbs., \$10.00; 100 lbs., \$15.50.

(No. 15) **WARDWELL'S KIDNEY WAX**.—Most popular of all wax varieties in the South for either market or home use. Matures in five to six weeks; a strong, vigorous grower, bearing heavy crops of long, showy pods, tender and of the finest flavor. In shipping, it stands up well, bringing top prices. Is remarkably free from rust. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$2.75; 60 lbs., \$9.00; 100 lbs., \$14.50.

(No. 16) **DWARF GOLDEN WAX**.—An old, well-known favorite variety for private gardens. Pods long, semi-round, golden-yellow and very fleshy, and of the best quality. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$2.50; 60 lbs., \$9.50; 100 lbs., \$14.50.

POLE OR RUNNING BEANS

ALMOST THE ENTIRE YEAR.

One quart to 150 hills, 10 to 12 quarts to the acre in drills.
Matures for table use from 48 to 85 days from germination.

These are more tender and require rather more care in culture than the Bush Beans and should be sown two weeks later. They succeed best in sandy loam, which should be liberally enriched with short manure in the hills, which are formed, according to the variety, from 3 to 4 feet apart. From five to six seeds are planted in each hill, about 2 inches deep. As the matured Bean is used mostly, the season is too short for succession crops in the North, though it is advantageous to plant succession crops in the Southern States, especially in Florida, where the season of growth is almost the entire year. Rough cedar or similar poles about 7 or 8 feet high should be used for Lima Beans to climb on. They should be set in the ground at least 18 inches, so as to prevent being blown over.

(No. 17) **KENTUCKY WONDER, OR OLD HOMESTEAD**.—The most popular of all Pole Beans, especially in this section. Vines are vigorous in growth, the pods are immense, often attaining a length of 9 to 10 inches and borne in large clusters. Bright green, very meaty, tender and stringless when young, assuming a saddleback shape with age, being broader in width than depth, and becoming somewhat irregular and spongy as the Beans ripen. Very early. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$3.00; 60 lbs., \$11.00; 100 lbs., \$17.50.



Black Valentine Beans

(No. 18) **LAZY WIFE**.—So named on account of the large number of pods it affords, making it easy to obtain a supply. One of the best varieties for snaps of the late green-podded Pole Beans. The pods grow in large clusters, are 5 to 7 inches long, broad, thick, fleshy and entirely stringless. They have a rich, buttery flavor. The dry Beans, which are white, are fine for winter use. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 15 lbs., \$4.00.



Early Refugee Bean

Be Sure of
Results—
Plant
Martin's
Hy-Test
Seeds

OUR SEED BEANS ARE NORTHERN
GROWN, HIGHEST QUALITY SELECTED
SEED.

(No. 19) **MCCASLAN**.—A wonderfully prolific bean, absolutely stringless, white-seeded, green-podded, buttery, rustless and very early. Vines continue to bear throughout the season if kept closely picked. Robust, hardy and unequalled for home garden. The enormous dark green pods are produced in immense clusters, often measure 7 to 9 inches long, contain 5 to 7 beans, are particularly handsome, solid, meat of admirable form, free from coarseness, and when cooked are exceedingly tender and are of deliciously mild and sweet flavor. The dry beans are of a beautiful pure white. Pkt., 10c; ½ lb., 35c; 2 lbs., 65c; 5 lbs., \$1.50; 10 lbs., \$2.75, postpaid. Not prepaid by express or freight—peck (15 lbs.), \$3.00; bu. (60 lbs.), \$11.00; 100 lbs., \$17.50.

(No. 20) **SCARLET RUNNER**.—On the order of the Limas, grown mostly in America for its ornamental, bright scarlet flowers. Pkt., 20c; ½ lb., 35c; 1 lb., 60c; 2 lbs., \$1.00.

(No. 21) **WHITE CREASEBACK**.—Very hardy, very early and moderately productive. Pods 5 to 6 inches long, uniform, round and slender; slightly stringy, very fleshy, brittle and fine grained; fair quality; color dark green. Beans small, oblong and white in color. Pkt., 15c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 15 lbs., \$4.00.

IN THESE TIMES OF HIGH LABOR PRICES—DON'T RISK
YOUR CROP BY PLANTING CHEAP SEEDS—PLANT
HY-TEST SEEDS ALWAYS

E. A. MARTIN SEED COMPANY, JACKSONVILLE, FLORIDA

DWARF BUSH OR LIMA BEANS

MATURE EARLIER THAN POLE LIMAS.

One pint of small-seeded sorts plants from 100 to 125 feet, and is sufficient for an ordinary garden, or one quart of the large-seeded sorts. For succession, make two plantings, four weeks apart. Mature in from 75 to 90 days from planting.

(No. 22) **BURPEE'S IMPROVED BUSH LIMA.**—This is the bush form of the well-known Large Lima, and although not so early as the preceding variety, the large size and excellent flavor of the Beans make it desirable. Pkt., 10c; ½ lb., 25c; 1 lb., 40c; 2 lbs., 75c; 5 lbs., \$3.25; 60 lbs., \$12.00; 100 lbs., \$19.00.

(No. 23) **HENDERSON'S BUSH LIMA.**—This variety has enjoyed great popularity. They are two weeks earlier than the Pole Limas and wonderfully productive, averaging about sixty pods to the bush, bearing three to four small Beans. Of hardy growth, very prolific and continues in bearing till frost. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$2.50; 60 lbs., \$9.50; 100 lbs., \$16.00.

(No. 24) **FORDHOOK BUSH LIMA.**—The Beans of this new variety are of the large Lima type, but are thicker and rounder, and of superior flavor. The bush itself is of stiff, erect habit, holding the Beans well off the ground, so that the pods do not become discolored or injured from being beaten to the ground by wind or rain. It is also very prolific and the pods contain from four to five large, fat Beans each, lying closely together. The pods are so closely packed that the Beans are very easily shelled. The green Beans, even when of full size, are tender, juicy and sweet of flavor when cooked. We recommend this new introduction to our customers as a thoroughly distinct and valuable improvement in Bush Limas. Pkt., 10c; ½ lb., 25c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$3.25; 60 lbs., \$12.00; 100 lbs., \$20.00.

POLE LIMA OR BUTTER BEANS

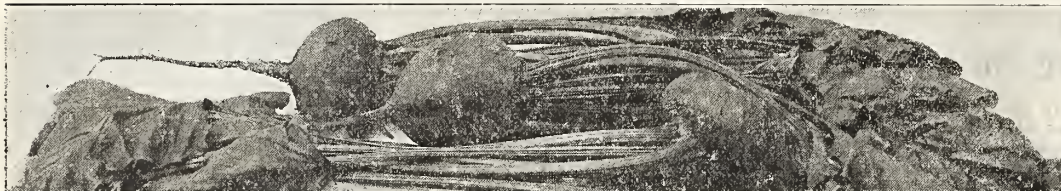
(No. 25) **FLORIDA BUTTER LIMA.**—The only true pole lima bean for early-in-the-season bearing. Cannot beat this variety among pole limas for bearing early in the season anywhere in the South, as it begins to produce pods from the very first bloom that appears on the plants, something that is not true of any of the other pole lima beans when planted in the South. It grows and bears profusely all through the season instead of waiting until the nights get cool before it "sets" beans. Will make an abundant crop where other sorts fail completely. Seed speckled white and brown. Pkt., 10c; ½ lb., 20c; 1 lb., 40c; 2 lbs., 70c.

(No. 26) **SMALL LIMA, OR SIEVA.**—Similar in every way to Large Lima, except that it is only half as large, seeds and pods being smaller. Largely grown in the South and immensely popular. Pkt., 10c; ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; 5 lbs., \$2.75; 60 lbs., \$10.00; 100 lbs., \$15.50.

OUR BEANS ARE GROWN FOR US BY THE MOST RELIABLE GROWERS AND ARE TRUE TO NAME, AND THE QUALITY IS, BEYOND A DOUBT, THE VERY BEST TO BE OBTAINED.



Fordhook Bush Lima Beans



CAREFULLY SURE TO
TESTED GROW

MARTIN'S HY-TEST BEETS

Two ounces will sow 50 feet of drill, 6 to 8 pounds one acre.

Mature for table use 35 to 60 days from germination.

CULTURE.—The ground for Beets should be rich and well spaded or plowed. In this latitude Beets are sown in January to May, and from the first of August to December. Some market gardeners sow them every month in the year. Seeds should be soaked twelve hours before planting, as this softens the bur and allows the seed germ to prove itself much quicker. For field culture, sow in drills 2 to 2½ feet apart, and cover about 1 inch. Thin out to 4 inches apart. For a small garden, the drills need not be more than 15 inches apart.

Prices on all kinds of Beets are by mail, postpaid.

(No. 27) **IMPROVED EARLY BLOOD TURNIP.**—Dark red, smooth, uniform size and of excellent quality. One of the best for main crop, as it keeps in condition longer than the other kinds. Pkt., 10c; oz., 15c; ¼ lb., 40c; ½ lb., \$1.00; 5 lbs., \$4.50.

(No. 28) **EXTRA-EARLY EGYPTIAN BLOOD TURNIP.**—An old standard sort, both for market gardeners and family use. Produces fine, smooth, deep red roots. About ten days earlier than the Blood Turnip. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 80c; 5 lbs., \$3.75.

(No. 29) **EXTRA-EARLY ECLIPSE.**—A most popular market gardener's Beet for the South, as well as a favorite for home gardens. Of remarkably fine form, smooth and free from stringy roots. Small top and a rapid grower. Color a deep blood-red, which it retains fully after being cooked. Quality extra fine, sweet and tender. A heavy cropper, and its handsome appearance makes it an easy seller when placed on the market. Our specially selected strain of Eclipse has proved to be most successful for fall planting. Pkt., 10c; oz., 15c; ¼ lb., 35c; ½ lb., \$1.00; 5 lbs., \$4.50.

(No. 30) **MARTIN'S DARK RED.**—The King of Beets. A blood-red, early, turnip-shaped variety. Has small, upright tops; fine round shape; skin and flesh dark blood-red; very tender and sweet. Remarkably uniform in growth, and a particularly desirable sort for truckers and market gardeners. Pkt., 10c; oz., 15c; ¼ lb., 40c; ½ lb., \$1.25; 5 lbs., \$5.00.

(No. 31) **CROSBY'S IMPROVED EGYPTIAN.**—More largely planted for early market in the South than any other kind. It takes on its turnip shape even in early stages of its growth, a decided advantage both for forcing and early cropping. Pkt., 10c; oz., 15c; ¼ lb., 35c; ½ lb., 90c; 5 lbs., \$4.00.

(No. 32) **LENTZ' EXTRA-EARLY BEET.**—Small top, round, dark red, and grows large, but is always sweet and tender; a good winter sort. Some market gardeners claim this beet can be raised for market in a shorter growing time than any other variety. A great favorite in Florida for shipment to Northern markets. Price: Pkt., 10c; oz., 15c; ¼ lb., 40c; ½ lb., \$1.00; 5 lbs., \$4.50.

(No. 33) SWISS CHARD OR SPINACH BEET

The stalks when cooked and served like asparagus make a most delicious salad. The leaves should be prepared like spinach, kale or turnip salad. Sown early in the spring, it yields salad all summer. Grow a row and you will not be without it hereafter. Pkt., 10c; oz., 15c; ¼ lb., 40c; ½ lb., \$1.50; 5 lbs., \$6.25.



Swiss Chard

MANGEL-WURZELS

Six to eight pounds of seed will sow an acre.

CULTURE.—The following varieties are extensively grown for feeding stock, and are excellent food to increase the flow of milk. As they grow much larger than the varieties cultivated for table use, they require more room, and should be sown in drills about 2 feet apart. The seeds should be dropped about 2 inches apart in the drills, and, when strong enough, thinned out to 12 to 15 inches in the row. The long varieties are best suited to a deep soil, and the globe sorts succeed better than the long sorts on sandy soil. Study your soil before planting.

(No. 34) **LARGE RED GLOBE.**—Globe-shaped; red; similar to Yellow Globe, and a good sort for stock. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50, postpaid.

(No. 35) **LONG RED MAMMOTH PRIZE.**—The most largely grown of any of the Mangels; roots attain an enormous size, producing 30 to 50 tons per acre; quality superior; the best for deep soil. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 65c; 5 lbs., \$2.75; 10 lbs., \$5.00, postpaid.

(No. 36) **HALF SUGAR ROSE.**—A distinct type of Sugar Beet, producing not only a good crop, but roots of giant size and richest feed quality. It has yielded 55 tons per acre, several tons per acre more than the heaviest producers of other sorts of the list. They have small tops, and are so easily harvested that they may be uprooted by a push of the



Half Sugar Rose Mangel-Wurzels

foot. The flesh is white, solid, tender, and very sweet, and imparts a rich, pleasant flavor to dairy products when fed to milch cows. Also particularly good for fattening hogs. Half Sugar Rose is a profitable Stock Beet to grow. Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 60c; 5 lbs., \$2.50; 10 lbs., \$4.50.

MARTIN'S HY-TEST CABBAGE

For Cutting matures 65 to 120 days, according to variety.

CULTURE.—Have soil in your bed in the best possible condition. Do not make it too rich or your plants will grow quickly and consequently be weak. Such plants will not stand the shock of transplanting. Soil that has been manured the previous year is to be preferred. Seed should be drilled 6 inches apart, and not too thick; cover lightly and press the soil down firmly around seed. Keep plants watered and free from grass or weeds. Plant during February and March; again in July and August. For spring and summer crop, sow from August 15 to November 1. Six ounces of seed will supply enough plants to set one acre. We advise rows 2½ feet apart with plants 18 inches apart in the row.

All prices are mail, postpaid.



Charleston Wakefield

(No. 37) **MARTIN'S EARLY SUWANEE CABBAGE.**—Quickest maturing flat-head cabbage in existence. We offered this wonderful variety for the first time last fall. Our supply was so short that we did not list it in our fall catalogue, but later offered to the Florida planter our surplus stock through our weekly price list. We also sent out trial packages all over the South. We are now getting very complimentary reports from every section. Early Suwanee will mature about twelve to fifteen days earlier than Jersey Wakefield. Heads are very firm, almost round, but slightly flattened on top. Is not only a quick maturing variety, but the leaves are very finely webbed and have a very delicate flavor. For quick, sure results, either in home garden or for market, our suggestion is, plant Early Suwanee Cabbage. But to do this it will be necessary for you to get your order in **EARLY.** Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.75.

(No. 38) **CHARLESTON WAKEFIELD CABBAGE—HY-TEST RED SEAL BRAND.**—This variety undoubtedly heads the list as a commercial variety in cabbage growing territory in Florida and the South. Largest of all the Wakefield varieties, early and a sure header. It is the right variety for the planters desiring the best pointed cabbage for shipment. It matures fully two weeks ahead of the flat-headed sorts. It makes a firm, well-shaped solid head. Our **HY-TEST Red Seal Brand** can be depended on. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50; 5-lb. lots, \$14.00. Write for prices in larger quantities.

(No. 39) **SELECTED EARLY JERSEY WAKEFIELD.**—A favorite sort with market gardeners and truckers to grow for earliest Cabbage, both for home market and for shipping. Makes compact, solid, blunt-pointed heads; small leaves, permitting close planting. Very hardy, not only to resist cold, but other unfavorable conditions, insuring greatest likelihood of profitable and satisfactory results. Our stock is grown and selected with the greatest care. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.00.

(No. 40) **SUCCESSION.**—Largely a market gardener's variety in many parts of the South, being used almost exclusively for shipping crops. Rather large size well flattened on top. In maturity almost ten days later than Early Summer and Early Flat Dutch, but nearly double the size of those varieties. Firm and solid, a very sure header and stands shipment to the North, arriving in good condition and color. Succession is a good variety and a favorite in many parts of Florida. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$3.00.



All-Head Early

(No. 41) **EARLY DWARF FLAT DUTCH.**—One of the most reliable cabbages for early spring planting. Plant is short-stemmed, upright, and, having comparatively few and short leaves, the rows can be set close together. Heads large, solid, crisp and tender. Pkt., 10c; oz., 25c; ¼ lb., \$1.00; lb., \$2.75.

(No. 42) **ALL-HEAD EARLY.**—Many of our local gardeners are having great success with this variety. Especially recommended on account of its uniform size and shape and reliability for heading; makes a deep flat head, solid and uniform in color, shape and size. In tenderness it is unsurpassed. Can be grown either for summer or winter use. By reason of its compactness it can be planted closer and will yield more heads to the acre than varieties of a more spreading habit. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00.

(No. 43) **IMPROVED EARLY DRUMHEAD.**—An intermediate kind between the cone-shaped early and late varieties; can be planted closely; takes name from its shape. Pkt., 10c; oz., 25c; ¼ lb., \$1.00; lb., \$2.75.

(No. 44) **PREMIUM LATE FLAT DUTCH.**—Heads are large, round, solid, broad and flat on top, often tinted with reddish brown after being touched by frost. They open white and crisp, are tender and well flavored. It is a fall and winter variety and one of the best keepers. Pkt., 10c; oz., 25c; ¼ lb., \$1.00; lb., \$2.50.

(No. 45) **HENDERSON'S EARLY SUMMER.**—A favorite round-headed variety. Pkt., 10c; oz., 25c; ¼ lb., 85c; lb., \$2.75.

(No. 46) **SUREHEAD.**—All head and always sure to head. Heads the list for winter use. Pkt., 10c; oz., 30c; ¼ lb., \$1.00; lb., \$2.75.

(No. 47) **RED ROCK (Henderson's Mammoth).**—The largest and surest-heading red cabbage. Heads as large and solid as Flat Dutch and fine-grained. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$3.50.

(No. 48) **FLORIDA HEADER.**—One of the finest for second-early or for late sowing. Grows quickly to a large size and heads surely. It is a true, sure, hard header. Pkt., 10c; oz., 25c; ¼ lb., 90c; lb., \$3.00.

(No. 49) **AMERICAN PERFECTION DRUMHEAD SAVOY.**—Very tender and far superior in flavor to any other fall and winter cabbage. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.

(No. 50) **COPENHAGEN MARKET.**—Very fine, nearly as early as Wakefield, with large round, solid heads. Crop failed. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$3.50.

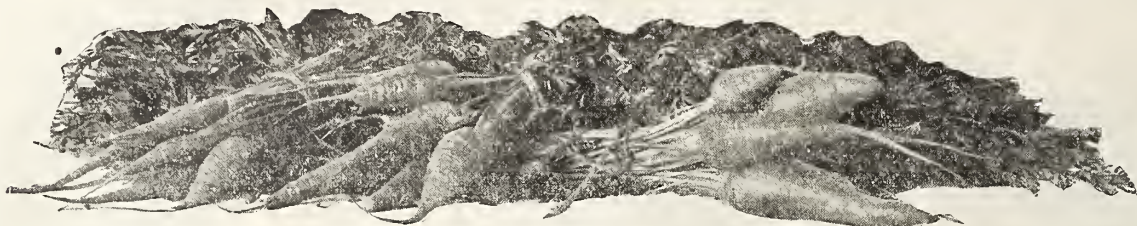
(No. 51) **CHINESE CABBAGE.**—The kind of cabbage universally grown in China. Does not head up solid like our Cabbage, but makes a loose roll of leaves, tender and white, but different in taste from our Cabbage. Stems are thick and brittle like celery. It is better to be blanched by tying up the outside leaves around the plant. A great curiosity and really a delicious vegetable. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.



Early Jersey Wakefield

MARTIN'S CARROTS

Two ounces will sow 100 feet of drill; 3 pounds required for an acre. Matures about 60 days from germination.



Carrots

CULTURE.—Carrots require a very finely pulverized soil to grow them to perfection. A good, light, well-enriched sandy loam is the best for this crop. For field culture, sow in drills 3 to 3½ feet apart, so as to cultivate by horse. Market gardeners sow in drills, about 18 inches apart, and cultivate by hand. For early crops, cover ½ inch deep and thin to 6 inches in the rows; for late, cover ¼ inch deep and thin to 4 inches.

(No. 52) **CHANTENAY HALF-LONG.**—A new stump-rooted French variety, the best of its class. Unexcelled in productiveness and quality. Very uniform in growth. Roots about 5 inches long, large at the top and gradually tapering to the base. Medium early and fine for both market and home gardens. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.

(No. 53) **DANVERS HALF-LONG.**—One of the heaviest croppers; roots dark orange-color, 8 to 10 inches in length, thick and ending in a somewhat abrupt point. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.

(No. 54) **EARLY SCARLET HORN.**—Popular early variety. Color a deep orange, of a most delicious flavor and makes a most splendid crop in light, shallow soils. A favorite in both market and home garden. Roots 4 to 5 inches long. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.

(No. 55) **OXHEART, or GUERANDE.**—Deserving of general cultivation. It grows 3 or 4 inches in diameter, is early, nearly oval in shape. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.

(No. 56) **IMPROVED LONG ORANGE.**—Especially fine on light soils, making long, smooth, tapering roots of a deep orange-color, and free from side roots; superior in every respect. A fine winter sort for table, market and stock. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.

CARROTS FOR STOCK

CULTURE.—Sow 3 pounds to the acre. These roots are often 15 inches in circumference; greatly enjoyed by stock and gives fine color to butter. 500 bushels can be raised on one acre. One bushel is equal to 1 bushel of corn in feed value.

(No. 57) **BELGIAN YELLOW.**—Largest, heaviest cropping and most nutritious yellow variety in cultivation. Easily gathered as the roots grow largely above the ground. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50.

CUCUMBERS

One ounce of seed will plant 50 hills, 3 pounds to the acre. Matures from 36 to 50 days.

CULTURE.—For early use, plant as soon as the ground is warm in hills 4 to 6 feet apart each way, eight to ten seeds in a hill. Cover ½ inch deep. When danger of insects is past, thin out the plants, leaving five or six of the strongest in each hill.

Prices of Cucumbers are by mail, postpaid.

(No. 58) **HENDERSON'S PERFECTED WHITE SPINE** — (HY-TEST RED SEAL BRAND). — A fine dark green selection of white spine. It has all the good points a cucumber should have. Dark green that will hold for days and have had reports that after reaching Northern markets the appearance was of just having been gathered. It is early; cucumbers average good size.

This variety is well known and it is not necessary for a long description. The Florida planters have found it the most desirable for shipping and also home gardens, but is particularly recommended as a variety for shipping. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25, postpaid. 5-lb. lots, not postpaid, \$5.00; 10-lb. lots and over at 90c per lb.

(No. 59) **MARTIN'S PERFECTED WHITE SPINE.** — An improved strain of the well-known White Spine Cucumber. The fruits are very uniform, averaging seven to eight inches. It is an early and prolific producer of uniformly large, straight, handsome fruits of the most desirable qualities. A vigorous grower. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25; 5 lbs., \$5.00.

(No. 60) **EARLY FORTUNE.**—A favorite with Florida truckers. Good variety for shipping. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.

(No. 61) **NEW KLONDIKE.**—Very dark green, 6 to 7 inches long and



Improved White Spine Cucumber

2 inches thick; remains crisp a long time. It is a grand market sort. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00.

(No. 62) **IMPROVED LONG GREEN.**—Grows 10 to 12 inches long, but makes fine pickles when young; the full-sized fruits are best for sweet pickles and slicing. Dark green in color, firm and crisp; quality excellent. A great bearer. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00.

(No. 63) **JAPANESE CLIMBING.**—A real climber. The fruit is of extra quality and dark green. Prolific and a desirable table variety. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

(No. 64) **BOSTON PICKLING.**—Short, smooth and pointed; bright green; great yielder; one of the best for pickling. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.

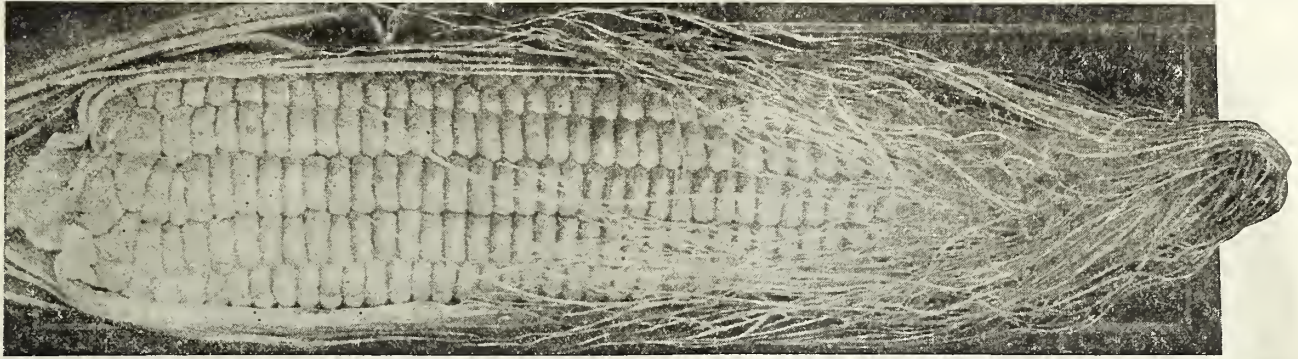
(No. 65) **WEST INDIA GHERKIN.**—The only genuine Gherkin. Small, oval, covered with spines; light green. For pickling exclusively. Pkt., 10c; oz., 20c; ¼ lb., 65c; lb., \$2.00.

(No. 66) **DAVIS' PERFECT.**—A superb variety. Dark, glossy, green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. Early as earliest strain of White Spine and outyields all others. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00.

(No. 67) **EARLY CLUSTER.**—Fruit small and borne in pairs; light green, a great bearer. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.50.



New Klondike Cucumber



Golden Bantam Sweet Corn

GARDEN CORN

One quart will plant 200 hills, and from 8 to 10 quarts one acre.

Matures for table use in from 65 to 80 days.

CULTURE.—Plant the early Corn in well-manured ground. Sugar Corn should not be planted until the ground gets warm. Cultivate often and continue to plant at intervals of about two weeks for a succession of roasting ears.

(No. 68) **ADAMS' EARLY.**—The hardiest and earliest variety for table use; can be planted earlier than any other, but is not a Sweet Corn; white, indented grains and short ear. Pkt., 10c; 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$1.25; 56 lbs., \$4.00.

(No. 69) **TRUCKER'S FAVORITE.**—Never have we introduced a Corn that has given more general satisfaction. For a second-early to follow Early Adams, it is unquestionably one of the best; or for planting late to mature quickly it is equally valuable. It is a white Corn, with very good depth of grain, tender and sweet, and makes a most desirable size for roasting ears. Pkt., 10c; 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$1.25; 56 lbs., \$4.00.

(No. 70) **STOWELL'S EVERGREEN.**—If planted at the same time with earlier varieties and at intervals of two weeks, it will keep the table supplied till October. It is hardy and productive, very tender and sugary, remaining a long time in fresh condition suitable for cooking. Pkt., 10c; 1 lb., 35c; 2 lbs., 60c; 11 lbs., \$1.50; 44 lbs., \$5.50.

(No. 71) **COUNTRY GENTLEMAN.**—Late. Very distinct from any other sort; sometimes yields as many as five ears on a stalk; cob very small with deep kernels of pearly whiteness. This is considered the finest of all Sweet Corn, the quality is delicious and will delight the most fastidious epicure. Pkt., 10c; 1 lb., 35c; 2 lbs., 60c; 11 lbs., \$1.75; 44 lbs., \$5.75.

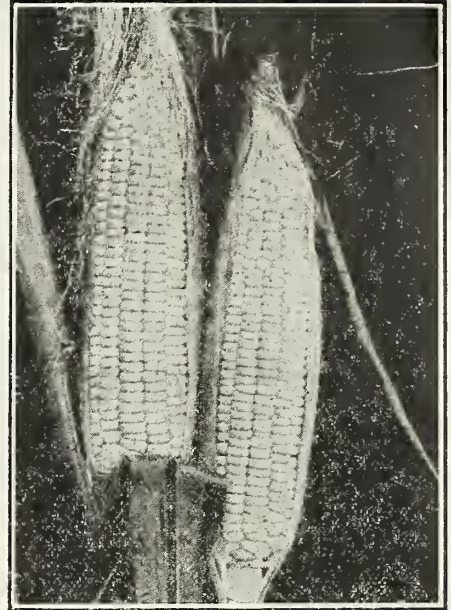
(No. 72) **LATE MAMMOTH SUGAR.**—This is the latest, but largest, of all the Sugar Corns. The ears are immense, and are of fine quality and flavor. Pkt., 10c; 1 lb., 35c; 2 lbs., 60c; 11 lbs., \$1.75; 44 lbs., \$6.00.

(No. 73) **BLACK MEXICAN.**—One of the sweetest and best varieties; grains black when ripe. Pkt., 10c; 1 lb., 35c; 2 lbs., 60c; 11 lbs., \$2.00; 44 lbs., \$7.00.

(No. 74) **GOLDEN BANTAM.**—Extremely early yellow variety of delicious flavor. Pkt., 10c; 1 lb., 35c; 2 lbs., 60c; 11 lbs., \$1.75; 44 lbs., \$5.75.

POP CORN

(No. 75) **WHITE RICE.**—A fine variety, clear white, and very productive. Pops beautifully. Crisp, large and white. Lb., 25c, postpaid.



Stowell's Evergreen Corn



Sweet Corn and String Beans

BROCCOLI

Requires a longer season than either cabbage or cauliflower to develop.

CULTURE.—The same cultivation as suggested for cauliflower should be given to Broccoli.

(No. 76) **EARLY WHITE CAPE.**—The best variety. The heads are white, compact and hard, and it is a hardy, vigorous and easily grown sort. Pkt., 15c; ½ oz., 40c; oz., 75c; ¼ lb., \$2.50.

BRUSSELS SPROUTS

One ounce will produce about 3,000 plants.

Of the cabbage family, producing numerous heads on the stem, of most delicious quality, as well as cabbage-like head at the top. Use and cultivate the same as winter cabbage.

(No. 77) **PERFECTION.**—A new and greatly superior variety of American growth which forms heads ready for picking about three weeks earlier than other varieties. It makes stronger plants and more heads. A profitable crop for market gardeners. Pkt., 10c; oz., 25c; ¼ lb., \$1.00; lb., \$3.50.

COLLARDS

CULTURE.—One ounce will produce about 2,000 plants, or 150 feet of row. Sow in spring or summer, as directed for cabbage, either in beds, to transplant when large enough, or in rows where intended to stand. They are rapid growers.

(No. 78) **NORTH CAROLINA SHORT-STEM.**—A decided improvement, and has proved very popular wherever grown. Has short stem, large, spreading leaves, very hardy, withstanding drought in summer and cold in winter. Its flavor and cooking qualities are the very best. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$3.75.

(No. 79) **SOUTHERN, OR GEORGIA.**—This variety is the old-time favorite. Stands all sorts of adverse conditions without injury. Is very hardy. In many places, where the soil is too poor to grow cabbage, the Collard grows easily and makes a good substitute for cabbage. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.25.

MARKET GARDENERS AND LARGE FARMERS will find it to their advantage to write us for special prices on large quantities of seed. We carry a big stock at all times.

ALL PRICES ON THIS PAGE ARE BY MAIL, POSTPAID.

MARTIN'S HY-TEST CELERY

One ounce sows about 100 feet and produces about 8,000 good plants; 8 ounces to set one acre. Matures from 120 to 160 days.

CULTURE.—Celery requires a moist and fertile soil. If your soil is not fertile, you must make it so by heavy applications of well-rotted manure or commercial fertilizer. In Florida, sow seed for general crop from August 15 to November 15. Seed must not be covered more than $\frac{1}{4}$ inch and bed must be well shaded. When plants are from 4 to 6 inches high, cut tops off two or three times to make stocky plants. Transplant when 6 inches high into trenches and as the plants grow, keep drawing the earth up around them, to blanch the stalks for market.

(No. 80) **GOLDEN SELF-BLANCHING (French Grown).**—Of compact growth, with large, solid heart and thick-ribbed stalks, which blanch easily. Crisp and solid. Free from stringiness and of most delicious flavor. Both stalks and leaves are of a beautiful golden yellow. Pkt., 10c; oz., 90c; $\frac{1}{4}$ lb., \$3.00; lb., \$11.00.

(No. 81) **BOSTON MARKET.**—Dwarf branching variety, grown so extensively about Boston. Solid, crisp, and of excellent flavor; its compact, dwarf habit allows closer planting and requires less earthing up than taller sorts. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 60c; lb., \$2.50.

ENDIVE

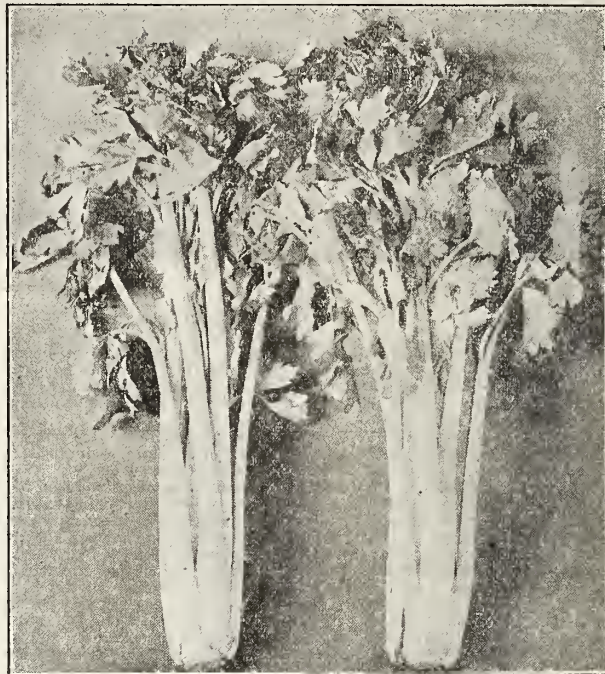
One ounce will sow 100 feet of row; 3 pounds will plant 1 acre of land in rows 3 feet apart.

CULTURE.—Seed may be sown any time during the year. When plants are well started, thin out to 10 inches apart in the row, or they may be transplanted to fresh rows. When plants have reached a good size, gather the leaves closely together and tie loosely in an upright bunch. This bleaches the inner leaves in about ten days and adds to the crispness as a salad, as it renders the flavor mild and delicate.

(No. 82) **BATAVIAN, OR ESCAROLE.**—Forms large heads of broad, thick leaves, which can be blanched for a salad, or it will make excellent cooked greens. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

(No. 83) **GREEN CURLED.**—One of the hardiest and best for general use. The deep green leaves are beautifully cut and curled, easily blanched and become very crisp and tender and fine-flavored. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.

(No. 84) **WHITE CURLED.**—This beautiful variety does not need blanching to prepare it for use, the midribs being naturally of a pale golden-yellow and the finely curled leaves almost white. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50.



Martin's Golden Self-Blanching Celery (French Grown)

CAULIFLOWER

One-fourth ounce produces about 500 plants; 2 ounces make enough to set out an acre. Matures heads in 90 days from planting.

CULTURE.—Cauliflower will grow on soil well adapted to cabbage, and the same methods of cultivation will answer, varying with different climatic conditions. The seeds are sown at all seasons. They must be put out just as early as danger of freezing has passed. Rapid cultivation is necessary to bring the plants to head before hot weather. The heads will be improved if the leaves are tied over them when beginning to form.

(No. 85) **HENDERSON'S EARLY SNOWBALL.**—This is undoubtedly the finest variety ever introduced; it is the earliest and produces beautiful snow-white heads of the most delicious flavor. The seed we offer is pure and genuine. Pkt., 20c; $\frac{1}{4}$ oz., 65c; oz., \$2.00; $\frac{1}{2}$ lb., \$7.50; lb., \$28.00.

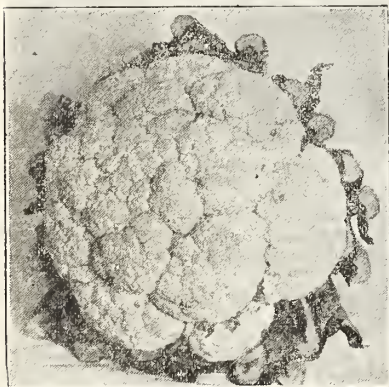
(No. 86) **EARLY FAVORITE.**—A new variety and we think the best early, large-growing kind; forms a large head, which is solid, crisp and tender, and will form heads under unfavorable conditions more surely than any other. Pkt., 20c; $\frac{1}{4}$ oz., 65c; oz., \$1.90; $\frac{1}{4}$ lb., \$7.00.

LEEK

FOUR POUNDS TO PLANT AN ACRE.

Culture of Leek is about the same as onions. Sow either in early fall or spring. Sow in beds or drills, and when 6 inches high, transplant in rows, setting as deep as possible without covering center leaves.

(No. 87) **LARGE LONDON FLAG.**—The oldest and best known and most largely grown variety. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.75.



Early Snowball Cauliflower

Martin's Mustard

This is grown to quite a large extent in the Southern States. Southern Giant Curled is best for general use.

(No. 88) **NEW CHINESE.**—Its leaves are about twice the size of White, and of a sweet, pungent flavor. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

(No. 89) **SOUTHERN GIANT CURLED.**—This is grown extensively in the South. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 75c.

(No. 90) **OSTRICH PLUME.**—Double curled. Exceedingly ornamental. Green. Very superior to any other curly sort. Very delicate in texture; well named. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 90c.

Water Cress

CULTURE.—Sow Water Cress in the spring, along the edges of creeks or ponds. The seed can also be sown in seed bed in a damp location, and the young plants transplanted to the edges of streams or ponds. It not only makes a desirable and attractive plant for creeks or ponds, but purifies the water. It is also developing into quite a profitable industry in some sections for shipment and sale in our larger markets.

(No. 91) **TRUE WATER CRESS.**—Grows along the banks of ponds and streams, and is easily introduced; leaves are quite large and thick; a fine salad; sold in immense quantities in the large markets in spring. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25.

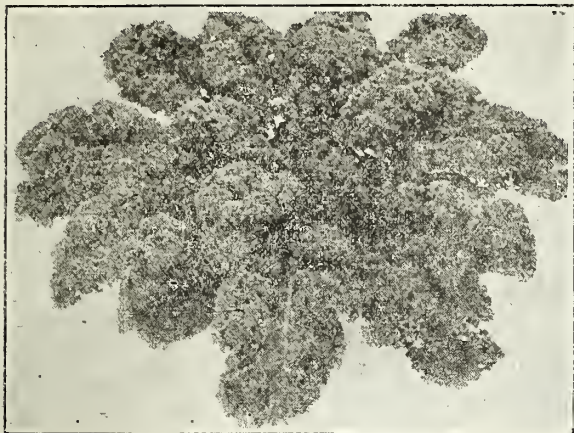
(No. 92) **CRESS OR PEPPER GRASS.**—This is much used with lettuce, to the flavor of which its warm, pungent taste makes a very agreeable addition. The seed should be sown in drills about 16 inches apart, on very rich ground, and the plants well cultivated. Repeated sowing is necessary to secure a succession. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.50.



Southern Giant Curled Mustard

KALE or BORECOLE

One ounce will produce 3,000 plants. Four pounds to plant an acre.
Matures in about 50 days.



Kale—Dwarf Green Curled Scotch

CULTURE.—Sow from the middle of March to the beginning of April in prepared beds; transplant in April and treat in the same manner as for cabbage. Of all the cabbage tribe, this is the most tender and delicate, and should be much more extensively grown than it is. The varieties are all extremely hardy, and are best when touched by frost.

(No. 93) **DWARF GREEN CURLED SCOTCH.**—Rarely exceeding 18 inches in height, but spreading out under good cultivation to 3 feet in diameter; leaves beautifully curled and bright green. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

(No. 94) **GREEN CURLED SCOTCH.**—Grows about 2 feet high; leaves dark green, curled and wrinkled; very hardy, and is improved by a light frost. Pkt., 10c; oz., 15c; ¼ lb., 50c; lb., \$1.75.

(No. 95) **SIBERIAN.**—Leaves curled on edges; hardy, withstanding the most rigorous winters; blue or slate-colored leaves. Pkt., 10c; oz., 25c; ¼ lb., 60c; lb., \$2.00.



Improved Large Purple Thornless Eggplant

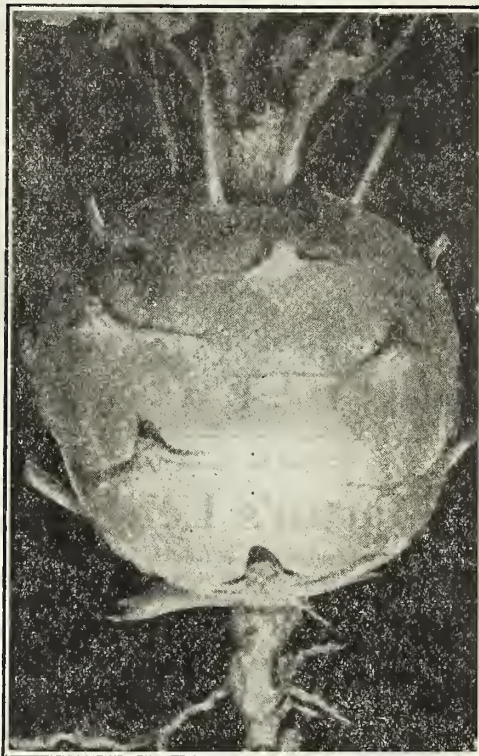
E. A. Martin Seed Co., Jacksonville, Fla.

October 19, 1920.

Dear Sirs—Please send by return parcel post inclosed order for seed I neglected to get when last in. I have purchased seed from you for everything grown by me for past seven months with success, so please send your own HY-TEST brand seed which never fail. Very truly, Mrs. D. McK., R. F. D. No. 4, Jacksonville, Fla.

MARTIN'S KOHL-RABI

One ounce to 100 yards of row.



Early White Vienna Kohl-rabi

A vegetable intermediate between the cabbage and turnip, which combines the flavor of both. It forms a turnip-shaped bulb above the ground, which is prepared for the table like turnips. If used when young and tender, makes a delicate and desirable vegetable. Also known as "Turnip-rooted Cabbage." Sow in rows 18 to 20 inches apart, thinning out to 8 inches.

(No. 96) **EARLY WHITE VIENNA.**—The best variety. Bulbs about the size of an apple when ready for use. Pale whitish-green color. They have a delicate cabbage flavor. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$3.00.

EGGPLANT

One ounce for 1,000 plants; requires about 4 ounces to plant an acre.
Matures in about 120 days from sowing.

CULTURE.—Eggplant seed germinate slowly and should be started in a strong heat. The soil should be one part leaf mold and one part sandy loam. It is important to secure a rapid and continuous growth. Set 30 inches apart, pinch off the larger leaves when transplanting.

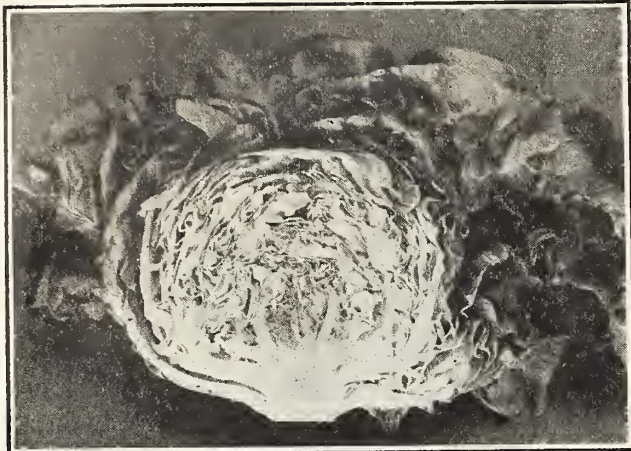
(No. 97) **FLORIDA'S HIGH BUSH.**—Rich purple; oblong in shape; exceedingly productive; will stand more heat than any other variety. Bushes stand high up, holding the fruit well off the ground, thereby preserving the fruit better than other sorts during rainy weather, also diminishing the number of blighted fruit to a great extent. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00.

(No. 98) **BLACK BEAUTY.**—Fruits large, handsome shape, and of a rich, glossy black. It is as early as any, very productive and thornless. Our stock is true and is as good as can be grown. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.50.

(No. 99) **IMPROVED LARGE PURPLE THORNTLESS.**—For years this variety has been the standard for Southern market gardeners and shippers. Our seed is pure and the plants thornless. In a properly cultivated crop, streaked or off-colored fruit is almost unknown. Plants are large, strong and vigorous, each plant producing from 5 to 8 large fruits of dark, rich purple color. Earliest large-fruited variety. A trial will make you appreciative of the superiority of this variety over many others. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00.

We give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs or plants we send out, and we will not, in any way, be responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

MARTIN'S HY-TEST LETTUCE



Martin's Big Boston Lettuce

Martin's Lettuce

One ounce will sow 100 square feet, or 120 feet in drill. Three pounds to an acre. From 40 to 50 days from sowing to maturity.

Lettuce can be sown almost every month in the year in our section. If you have hotbeds or even cold frames, you can produce fine big heads all through the winter months. In Florida it is grown as an open-ground crop through the winter months. The best way to grow Lettuce is to sow seed thickly in rich earth and, when plants are well up, transplant in rows 2 feet apart, placing plants 6 inches apart in the row. Use rich ground or else fertilize heavily. If you want crisp, tender Lettuce, free from bitterness, the growth must be rapid. If Lettuce is grown in above manner and head varieties used, you will not fail to make good heads.

(No. 100) **MARTIN'S BIG BOSTON.**—This beautiful, splendid Lettuce has steadily gained in popularity until now it is more extensively grown than all other varieties throughout the large trucking sections of the South. It may be grown in the open ground for summer and fall use, or

in frames under canvas, and always makes large, fine, buttery, yellow heads with thoroughly blanched hearts; crisp, tender, white and sweet. We cannot recommend too highly our splendid strain of this most excellent variety. It gives the best of satisfaction under all possible conditions. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.25; 5 lbs., \$5.00.

(No. 101) **CALIFORNIA CREAM BUTTER.**—Good for open-ground planting at all seasons in the South. Heads large and solid, the inside blanching to a beautiful cream-yellow when properly grown. The pure strain of this variety can be distinguished by the small spots on the outer leaves. Our stock is strictly high-grade and of



California Cream Butter Lettuce

the purest strain. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$2.00; 5 lbs., \$9.00.

(No. 102) **BLACK-SEEDED SIMPSON.**—Very popular sort among market gardeners. Forms a large, loose head, is nearly white, curly, leaves thin, exceedingly tender and of good quality. Splendid for growing under glass and early planting outside. Pkt., 10c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.00.

(No. 103) **MARTIN'S NEW YORK CABBAGE.**—Fine new sort, with heads 18 inches in diameter and weighing nearly four pounds; nearly as large as summer cabbage; one of the best for summer use. Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.00; 5 lbs., \$9.



Black-Seeded Simpson Lettuce

(No. 104) **COS, ROMAINE OR CELERY LETTUCE.**—Has no equal for quality. Forms long, conical heads, which, if tied up, blanch pure white and make solid heads as crisp as celery stalks. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$6.50.

(No. 105) **ICEBERG.**—Of beautiful appearance and excellent quality; leaves green, slightly tinged with red at the edge; heads good size. Our strain of this is the very best. Pkt., 10c; oz., 20c; ¼ lb., 60c; lb., \$2.00; 5 lbs., \$8.75.

Lettuce is a very important crop with the truckers and gardeners, and we exercise great care to give our planters the very best seed that can be grown.

We have been supplying the largest growers and planters for years and our high quality Lettuce Seed are well known in Florida and also other states.

PARSLEY

One ounce for 150 feet of drill. Seven pounds to plant an acre. About 65 days from sowing to cutting.

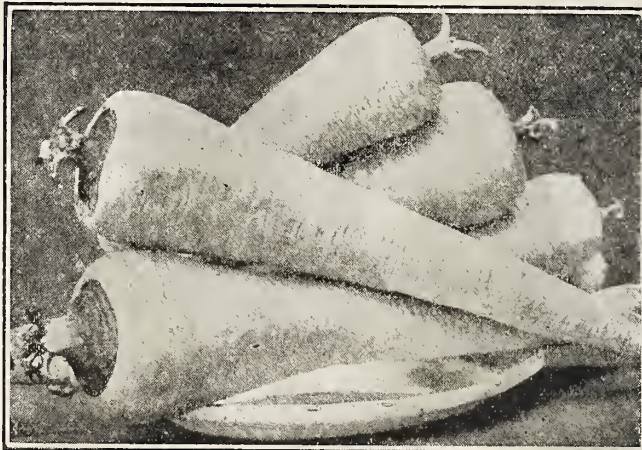
CULTURE.—Sow thickly in rows a foot apart and half an inch deep. For winter use, protect in a frame or light cellar, or in pots or boxes in the house.

(No. 106) **FINE DOUBLE-CURLED.**—A standard variety; plants bear an abundance of finely-curled leaves. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.



Parsley

**Martin's Hy-Test
Seeds are the
Best**



Hollow Crown Parsnips

PARSNIPS

About 8 pounds to plant an acre.

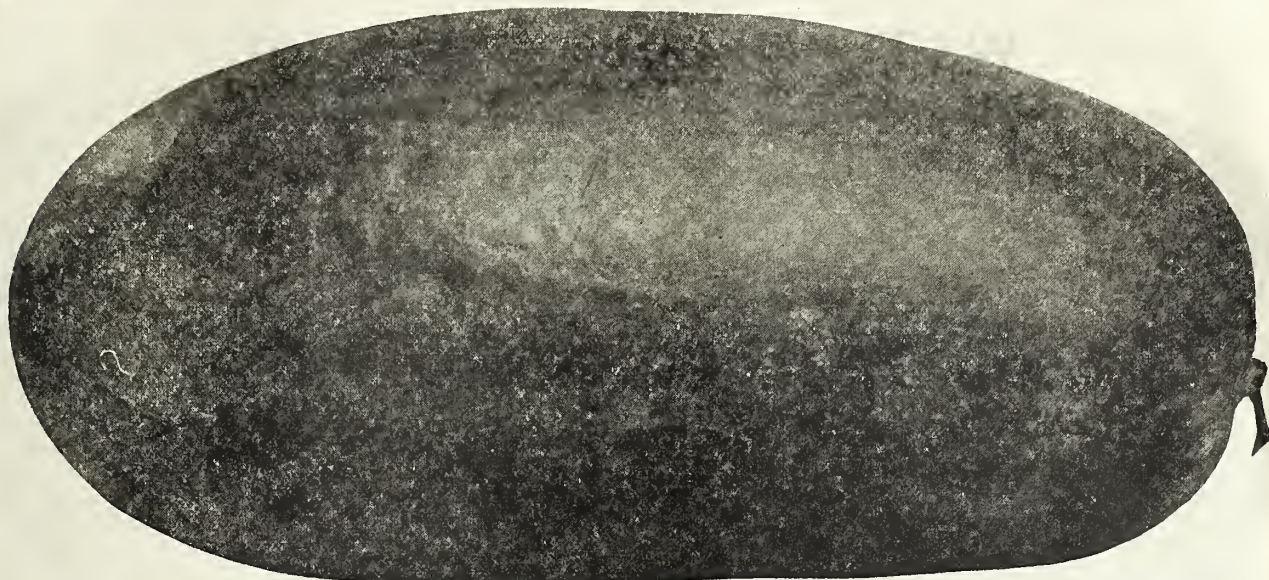
The value of Parsnips is not well enough known in the South. They are not only very valuable as culinary vegetables, but they make the very best cattle feed, exceeding even the carrot in value for this purpose. They require a deeply prepared loam for their fullest development. The seed is very slow to germinate, and should be sown early in the spring in rows 18 inches apart for hand cultivation or 30 inches apart for horse cultivation. Thin out to 6 inches in the row. Cultivate often.

(No. 107) **SUGAR, OR HOLLOW CROWN.**—The very best sort in existence. A large yielder of the finest quality. Pkt., 10c; oz., 20c; ¼ lb., 35c; lb., \$1.00.

Beresford, Fla., October 17, 1920.

E. A. Martin Seed Co., Jacksonville, Fla.

Gentlemen—Received both packages of seeds after being hung up on the road somewhere. I am returning one package today by insured parcel post. I appreciate your kindness duplicating my order, and can assure you I will not fail to speak a good word for the E. A. Martin Seed Co.



Tom Watson Watermelon

**HY-TEST
SEED**

MELONS—WATER

**SURE TO
GROW**

ALL SEEDS TAKEN FROM SELECTED MELONS. OUR MELON SEED WILL GIVE YOU THE RESULTS DESIRED.

One ounce will plant 50 hills; 4 pounds to plant an acre. Matures from 65 to 90 days from germination.

CULTURE.—Watermelons are cultivated in hills, which should be 6 to 8 feet apart each way, and composed of light, moderately rich soil. The hills should be dug about 2 feet square, 18 inches deep, and half-filled with well-rotted manure. Plant ten seeds to a hill, and when the plants are well up, thin out to three.

(No. 108) **GEORGIA RATTLESNAKE.**—The old Rattlesnake has always been regarded as a fine melon. Our strain is the result of careful selection by an experienced melon-grower through several years of careful and watchful work. The rind is thin and tough, the flesh deep scarlet, the flavor unsurpassed by any other sort. We strongly recommend it, both for shipping and table qualities. Pkt., 10c; oz., 15c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$7.50; 20 lbs., \$14.00.

(No. 109) **FLORIDA FAVORITE.**—This has long been a prime favorite for home consumption, for which purpose it is regarded by many as the finest melon grown. Ripens early, has dark skin, with light green stripes and light crimson flesh; exceedingly sugary. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c; 5 lbs., \$4.25; 10 lbs., \$7.00; 20 lbs., \$12.50.

(No. 110) **KLECKLEY SWEET.**—A combination of sweetness, earliness and size. It is an ideal melon for home use and local market, but the rind is so thin and crisp that it will not stand shipping. The melons

grow very uniformly, about 20 inches long, with dark green skin, extremely thin rind, bright scarlet meat and solid heart. The flesh is crisp, sugary, and melting to the highest degree, and entirely free from stringiness. For the home garden we cannot recommend it too highly. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.25; 5 lbs., \$5.00.

(No. 111) **KOLB GEM.**—Originated in Alabama, and more largely grown in the South than any other; as a shipping variety has no superior; dark green, mottled; nearly round; superb. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., 90c.

(No. 112) **SEMINOLE.**—This melon has the peculiar distinction of being of two distinct colors—gray and light green; melons of both colors are exactly alike in shape, size, color of seed and all other points except color of skin; oblong, large, productive and of superior quality. Pkt., 10c; oz., 15c; lb., \$1.00.

(No. 113) **MOUNTAIN SWEET.**—An old variety, but still the standard of excellence for quality; fruit long and very dark green. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

(No. 114) **ALABAMA SWEET.**—Skin dark green; flesh tender and sweet. Fine for shipping. Pkt., 10c; oz., 15c; ¼ lb., 35c; lb., \$1.00.



Rattlesnake Watermelon

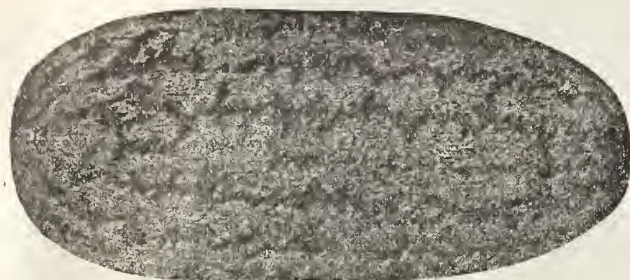
Our Watermelon seed are absolutely the highest quality that can be obtained—we sell a great quantity each season. The immense quantity of watermelon seed we sell each season is a testimonial of the quality. **IT IS THE BEST.** Our strain of **TOM WATSON** is demanded by the largest planters.

If your order for Watermelon Seed amounts to 25 lbs. or more, write for special prices.

OUR RED SEAL WATSON AND FLORIDA FAVORITE IS THE SEED OUR FLORIDA PLANTERS WILL USE.

ALL THE PRICES ON THIS PAGE ARE BY MAIL, POSTPAID.

WATERMELONS—Continued



Florida Favorite

(No. 115) **ICE CREAM.**—(White-seeded). One of the earliest varieties and one of the best for the North; shape nearly round; light green and slightly mottled; fine flavor. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

(No. 116) **TRIUMPH.**—A cross between the Duke Jones and Kolb Gem, having the handsome dark green color of the former and the fine shipping qualities of the latter, but infinitely superior in flavor and grows much larger than either, having been known to attain a weight of over 100 lbs. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., 85c.

(No. 117) **PEARSON.**—This is a new melon and is quite a favorite one in the South. It is exceedingly productive, and is a strong, vigorous grower. The color of this melon is a dark green, with a stripe which is still darker; it is long and quite large in size, sometimes 30 pounds. Thin rind, though tough. The flesh is tender and is quite red. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; 5 lbs., \$4.50.

(No. 118) **TOM WATSON.**—We think that this melon has every quality that goes to make up a very desirable variety. The shape is ideal, rind dark, thin and very tough, making a good shipper. Medium early, very vigorous vine and very prolific. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$7.50; 20 lbs., \$14.00.

**HY-TEST
SEED**

MELONS—MUSK

**SURE TO
GROW**

One ounce will plant about 80 hills; 4 pounds to plant an acre.
Matures in from 65 to 80 days.

CULTURE.—A rich, deep, sandy loam, well worked and highly manured with old rotten compost, is of the first importance. Plant when all danger of frost is over, in hills 5 to 6 feet apart each way; scatter a dozen seeds to a hill and, after they are out of danger from bugs, thin to three or four plants. When they have four or five rough leaves, pinch off the end of the main shoot, which will cause the lateral branches to put forth sooner. This will strengthen the growth of the vines, and the fruit will come earlier to maturity.

(No. 119) **ROCKY FORD.**—The flesh is deep and thick, and light green in color, except next to the seeds, where it inclines toward a yellow. The flavor is exceedingly fine. The skin is regularly ribbed and thickly netted. It is a firm, solid melon, and will carry in perfect condition for a week or more after its removal from the vine. It is a heavy cropper, and in wide favor as a market melon. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25; 5 lbs., \$5.50.

(No. 120) **HACKENSACK EXTRA-EARLY IMPROVED.**—A selection from an improvement on the old Hackensack, and similar in shape and appearance; nearly as large and fully ten days earlier. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 40c; lb., \$1.25.

(No. 121) **BANANA CANTALOUPE.**—Shaped somewhat as name indicates; grows from 2 to 2 $\frac{1}{2}$ feet in length; flesh deep salmon, of good quality. It is eagerly bought, owing to its odd appearance. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; 1 lb., \$1.75; 5 lbs., \$8.00.

(No. 122) **LONG YELLOW CANTALOUPE, OR OLD-FASHIONED MUSKMELON.**—Large, long, oval and deeply ribbed; flesh light salmon-yellow and very thick and sweet. Is used in its yellow state for mangoes. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$2.00.



Rocky Ford Melon

(No. 123) **NETTED ROCK OR EDEN GEM.**—One of the meatiest of the Rocky Ford type melons; of uniform standard size, covered with a beautiful gray lace-like netting which, with the small seed cavity, are the most essential points in shipping and keeping qualities. The flesh is green-tinged with a delicious salmon-pink around the seed cavity. The flesh is firm, but not tough or stringy; sweet, luscious, melting and superb flavor. A heavy yielder, very uniform; few run too large and still fewer are too small. For shippers, also for home growers, we recommend it highly. Price: Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.25.

(No. 124) **BURRELL'S GEM.**—The orange-fleshed Rocky Ford, and even better than the Rocky Ford for shipping. The meat is a rich golden color, very thick, fine grained; the flavor cannot be excelled. The melons are very uniform in size and shape and crate evenly. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 50c; lb., \$1.75; 5 lbs., \$7.00.

HONEY DEW MELON

(No. 125) **HONEY DEW MELON.**—The delicious honey-like flavor of this new melon created a sensation wherever used last year. The fruit is of good size, weighing 6 to 8 pounds; light cream colored, smooth skin with thick, rich and sweet flesh of light green color. The rind is thin but tough and so close that the rich flesh is practically sealed up where it keeps in finest condition for several months after it is ripe. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50; 5 lbs., \$9.00.



Emerald Gem

HIGH BRED MARTIN'S HY-TEST ONIONS FULLY TESTED

One ounce will plant 100 feet of drill, 5 or 6 pounds in drills for an acre. For sets from 50 to 60 pounds should be sown to the acre, according to the richness of the soil. Matures about 180 days from sowing.

CULTURE.—The Onion, unlike most vegetables, succeeds well when cultivated on the same ground for successive years. Sow thinly in drills about $\frac{1}{4}$ inch deep and 1 foot apart; cover with fine soil and press down with the back of a spade or a light roller. When the young plants are strong enough, thin gradually so that they stand 3 or 4 inches apart. Keep the surface of the ground open and free from weeds by frequent hoeing, taking care not to stir the soil too deeply or to collect it about the growing bulbs.

Probably the most popular Onion for Florida is the White Bermuda. The Red Bermuda is also grown to considerable extent. Creole is also planted to some extent; this is sometimes spoken of as the Spanish Onion, at other times the Bermuda Onion is spoken of as the Spanish Onion.

BERMUDA ONIONS

(GENUINE TENERIFFE-GROWN)

These are the Onions which Southern growers are shipping every spring in enormous quantities to Northern markets. They are tender and of the finest Onion flavor. Our genuine Teneriffe-grown seeds are grown especially for us and imported direct, and we know there is no better stock to be had. May be sown either in the fall or early spring. Both White and Red varieties.

(No. 126) **WHITE BERMUDA.**—This is the standard variety for market crops for shipping. While it is known as "White Bermuda," it is really a light straw-color or pale yellow. We make this explanation, as many who grow it for the first time expect to find a pure white Onion. Less than six months required from the time of sowing the seed to the full maturity and shipment of the crop. Pkt., 10c; oz., 30c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

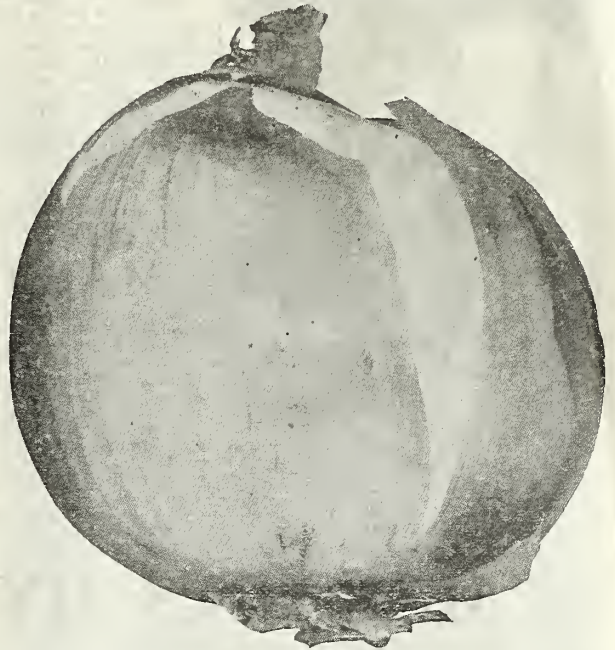
(No. 127) **RED BERMUDA.**—Identical with White Bermuda, except that it is a pale red and is the right variety where a red Onion is preferred. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.75.

(No. 128) **CRYSTAL WAX.**—This is the Onion that is so highly prized because of its earliness. Our seed is genuine, imported from Teneriffe. There is none better in the world. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.00.

(No. 129) **PRIZETAKER.**—Large, and of particularly fine flavor, like nearly all Spanish Onions. Straw-color; the flesh pure white, sweet, mild and tender. Ripens up fine and hard, and makes a very attractive Onion. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

RED CREOLE ONION

(No. 130) **RED CREOLE ONION.**—This is the greatest of all red onions. It is the best keeper, best producer, both in yield and money. It is a distinct variety that has been cultivated in this section for more than fifty years. The skin is brownish red, flesh very solid and fine grained and rather strong flavored. Extremely productive and the best shipper and keeper of all sorts. It is, without doubt, the greatest onion for the Southern grower, and is rapidly becoming more popular. Matures a little later than the Bermuda sorts, but does not rot as easily. It is the largest and best onion under cultivation. For home garden use it is unexcelled. They can be retained after harvesting a full year without rotting. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.75.



Southport Yellow Globe Onion

(No. 131) **AUSTRALIAN BROWN.**—Medium size, of good quality, very early, rather flattened in shape, of brown color, and wonderfully hard and solid. It begins to form a bulb at an early period of its growth, when only a few inches high, and quickly reaches maturity. Its leading and most valuable feature, aside from appearance and quality, is its long-keeping quality. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.00.

(No. 132) **SOUTHPORT YELLOW GLOBE.**—A large, globe-shaped onion; firm, fine-grained, of mild flavor; keeps well. One of the handsomest onions grown, of beautiful shape, clear yellow skin, and commands the highest market price. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

(No. 133) **SOUTHPORT WHITE GLOBE.**—A very handsome, silvery-white, and perfectly ball-shaped Onion of large size, commanding the highest prices in the markets. Flesh firm, fine-grained, of mild flavor, and an excellent keeper. Its even, regular size, perfectly globular form combined with the clear, silvery whiteness of the thin skin, make it one of the handsomest Onions grown. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

(No. 134) **SOUTHPORT RED GLOBE.**—Handsome, most richly colored red sort, rich, glossy, dark red color, and very showy in the market. Remarkably uniform in size and good keepers. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 75c; lb., \$2.50.

ONION SETS (MEASURED BU.)

Ten to twelve bushels to the acre, according to size.

Prices subject to market change.

CULTURE.—Plant the sets 4 inches apart, in rows about $\frac{1}{2}$ inch deep and 1 foot between the rows, but do not cover the sets entirely. Fall planting of Onions is succeeding very well in the South, and should be more generally practiced.

(No. 135) **WHITE SILVERSKIN.**—Plant from August to and through March. This is a uniformly early, round, tender and very handsome variety, with an opaque, white skin. Qt., 35c; pk., \$1.25; bu., \$4.75.

(No. 136) **YELLOW DANVERS.**—The hardest of all the ordinary varieties of Onion Sets. While not the earliest, they are a good, all-around, very productive variety. Write for closest market prices on larger quantities. Qt., 35c; pk., \$1.25; bu., \$4.75.

(No. 137) **WHITE MULTIPLIER.**—This differs from the Yellow Potato Onion in color, being pure white, and does not make so large Onions, but is a better keeper than the yellow. Crop short.

(No. 138) **WHITE BERMUDA ONION SETS.**—Qt., 35c; pk., \$1.50; bu., \$5.00.

NOTE.—We ship Onion Sets, measured bushel, while most seed houses ship and quote 32 pounds for a bushel. 32 pounds will not measure a bushel, and is only about three pecks. These facts should be thought of when ordering.

ARE YOU RAISING POULTRY?

If not, you are overlooking one of the most profitable investments you can possibly make. Both poultry and eggs are demanding unusually high prices and will for some time. Get in the Poultry business now and make big money.



Prizetaker Onion



Martin's Favorite Okra

MARTIN'S OKRA

One ounce will plant 100 hills; 20 pounds to plant an acre. About 60 days from planting to maturity. Cultivated for its green seed-pods, which are used in soups or stewed and served like asparagus. Highly esteemed in the South for making gumbo soup. Can be cured like dried apples and then used for soup at any time.

CULTURE.—Sow seed thinly in dry, warm soil, in shallow drills, 2 feet apart. After plants are up, thin to 9 inches apart; hoe frequently, and draw a little earth to the stems as they grow. Gather when quite green and about 1½ inches long.

(No. 139) **WHITE VELVET.**—Bears round, white, smooth pods of extra large size in great abundance. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$2.75.

(No. 140) **PERKINS' MAMMOTH PODDED.**—Wonderfully productive. Intense green pods, 8 or 9 inches long; do not get hard. Very superior for canning. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$2.75.

(No. 141) **EARLY DWARF WHITE.**—White pods. Pods extra long, measuring a foot in length; thick and fleshy; early and prolific. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

(No. 142) **LONG GREEN.**—Pods long, green, ribbed; heavy bearer. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$2.75.

MARTIN'S FAVORITE OKRA

Sold out on Martin's Favorite Okra last season, long before the demand was supplied. It has given excellent results—far beyond our expectations—we have received numbers of testimonials. All the truckers and home gardeners also who have tried this variety are well pleased.

(No. 143) **MARTIN'S FAVORITE OKRA.**—A new and distinct Dwarf Green Variety. This combines the good points of all the Green varieties, and grown for the home table or market is superior to any other. The originator predicts that this will, within a few years, supersede all other Green Okra, just as the White Velvet eliminated the old-time Dwarf and Tall White. Attains a height of 3 to 3½ feet, produces long, slender, green pods (10 to 12 inches), comparatively free from ridges, and the most prolific the originator has ever seen; easily produces 20 per cent more caskets of uniform size pods than any other.

We assure you that you will make no mistake in planting Martin's Favorite Okra, either for home or market.

We anticipate a big demand for this variety and the supply is limited, and our supply may be exhausted before all of our customers' orders are filled. However, we trust that every grower will be able to try this new variety. Pkt., 10c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00; 5 lbs., \$4.50; 10 lbs., \$7.50.

MARTIN'S HY-TEST PEPPERS

One ounce to plant 100 yards of row. Is edible in 90 to 120 days.

Peppers are very popular in all sections of the South. They are largely used in salads, etc. The thick-fleshed sorts are very fine, sliced. Peppers should be sown early in boxes or hotbeds and transplanted into a loamy, well-fertilized situation in rows about 2 feet apart, and 18 inches to 2 feet in the row. Cultivate often and thoroughly, continuing until frost, and you will be rewarded with a continuous crop as long as cultivation is kept up. The seed we offer is of the very best strains, carefully tested.

Our HY-TEST Red Seal Brand of this variety is an excellent strain, and we sell great quantities to the Florida truckers who raise peppers for other markets.

(No. 144) **RUBY KING.**—Enormous variety, 4½ to 6 inches long and about 3 inches thick. The flesh is very thick, tender, mild and pleasant to the taste. Fine sort for stuffing or for pepper-hash, and also makes an excellent dish of salad. Foliage is very distinct, being large-leaved and vigorous. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00.

(No. 145) **MAMMOTH BELL, OR BULL NOSE.**—Most popular sweet variety. Very mild in flavor and flesh very thick. It is a very fine variety for pickling. Pkt., 10c; oz., 35c; ¼ lb., \$1.00; lb., \$3.75.

(No. 146) **ROYAL KING.**—A wonderful pepper for commercial truckers who ship to Northern markets. It is very prolific; fruit of brilliant color, very glossy, of large size; the flesh is very thick and mild. Some believe this variety superior to the Ruby King. The flavor is exceedingly mild; can be eaten raw; when stuffed and cooked it has no equal. For shipping purposes it will eventually become the standard with the commercial truckers in the South. Our strain is the best. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00.

(No. 147) **RUBY GIANT.**—(New)—Largest of all. Red. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.75.

(No. 148) **WORLD BEATER.**—Said to be a cross between Ruby King and Chinese Giant. The shape is like Ruby King, only the blossom, and the size nearly equal to Chinese Giant. The plant is a strong, vigorous grower and very prolific. The fruit is a beautiful scarlet in color and exceedingly mild. The flesh is thick and firm, making this variety an excellent shipper. Pkt., 10c; oz., 35c; ¼ lb., \$1.25; lb., \$4.00.

(No. 149) **CAYENNE.**—A long, slim pod, rather pointed and, when ripe, a bright red color. Extremely strong and pungent. Pkt., 10c; oz., 30c; ¼ lb., \$1.25; lb., \$4.00.

(No. 150) **RED CHERRY.**—Fruit small and cherry-shaped; largely used for pickles, as they are very hot. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$4.00.



Ruby King Pepper

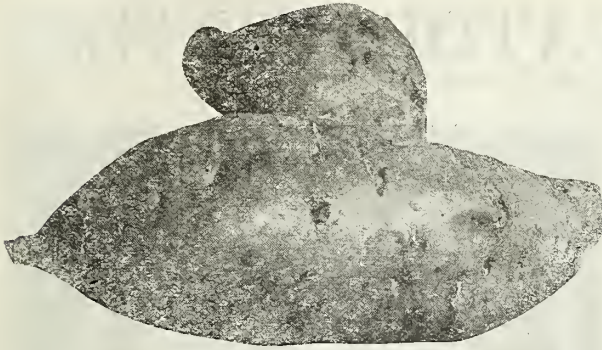


Royal King Pepper

**BUY
MARTIN'S
HY-TEST
SEEDS**

(No. 151) **PIMENTO PEPPER.**—This Pepper is of the "Pimento" type and has been brought up to a degree of perfection which we have not found in any other strain or variety that we have ever seen or grown. Fine for the home garden, both green and ripe. So smooth and uniform in shape that the skins can be easily slipped off after burning over a hot fire a few seconds, or by boiling a few minutes in hot water. It can also be pared like an apple by using a sharp knife.

Very sweet and delicious and entirely free from pungency. When ripe it is a beautiful scarlet red. Very productive, yielding heavy crops until cut off by frosts. In consequence of the many superior and valuable qualities of this Pepper it is much sought and grown by canners for pimento pickles and pulp. Pkt., 10c; ½ oz., 20c; oz., 35c; ¼ lb., \$1.00; lb., \$3.50.



Porto Rican Sweet Potatoes

SWEET POTATO PLANTS and VINES

Martin's Sweet Potato Plants are Heavy Yielders

We will have the Porto Rico variety in season and would suggest entering your order in advance, as we fill orders according to date received, and we can't promise immediate shipment on plants as we do on seeds, etc. Prices on varieties mentioned quoted on request.

VARIETIES

We grow only one variety, the Porto Rico, which is the most popular for Florida.

(No. 152) **PORTO RICAN POTATOES.**—Purple skin, dark yellow meat; very productive on reasonably good ground; an early producer and well adapted to truck farmers and all persons wanting a good all-round potato.

SALSIFY

VEGETABLE OYSTER.

One ounce will sow 50 feet of drill, 8 lbs. to the acre.

Why don't you grow salsify? It is one of the most delicious and nutritious of vegetables and should be more generally cultivated for use in winter, when the supply of really good vegetables is so limited. It has the true oyster flavor and makes a delicious and inexpensive substitute for them in soup, etc. Cultivate like parsnips.

(No. 153) **MAMMOTH SANDWICH ISLAND.**—Average fully double size of old Long White. Roots are white, smooth and, notwithstanding their enormous size, of superior quality. Pkt., 10c; oz., 20c; ¼ lb., 75c; lb., \$2.25.

White Springs, Fla., January 1.

Dear Sirs—What can you sell me 1 bushel Dasheens for? I want from 1 ounce up to 3 ounces. I planted one hill with 1½-ounce root. It yielded 33 pounds. One of the roots weighed 7 pounds. I dug up the ground with my hoe and then hoed around the hill one time and that is all the cultivation they got and no fertilizer. If you know of anyone who has beat this give me his address. S. S.

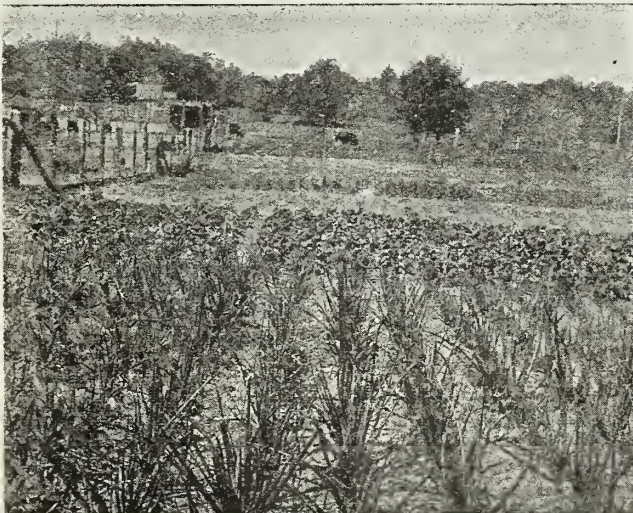


Photo taken at Roseland Farms, where Hy-Test Seeds are given a regular test



Pumpkins Planted in Field of Martin's Seven-Ear Corn

PUMPKINS

One pound will plant from 200 to 300 hills.

CULTURE.—The common practice is to drop two or three seeds in every third or fourth hill in the cornfield, but, if cultivated on a large scale, the seed may be sown in hills 8 feet apart each way, four plants to each hill, and otherwise treated in the same manner as recommended for melons or cucumbers.

(No. 154) **CONNECTICUT FIELD.**—This variety is most extensively used throughout New England and New York for field culture; is generally planted with corn. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

(No. 155) **KENTUCKY FIELD, OR LARGE CHEESE.**—This is locally called Sweet Pumpkin, and is grown more than any other of its kind for stock, because it is a good keeper, notwithstanding it has a soft shell. It is fleshy and very sweet; also very good for pies, and is largely used for canning. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

(No. 156) **CUSHAW, OR CROOKNECK.**—Grows to a very large size, sometimes attaining a weight of 70 pounds, and resembles in shape the Winter Crookneck Squash; of light cream-color, sometimes slightly striped with green. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50.

(No. 157) **KING OF THE MAMMOTHS.**—This is truly a giant among pumpkins; specimens have been grown to weigh 250 lbs. It is round, flat and slightly ribbed; skin and flesh golden yellow, of good quality for pies, but grown principally for stock; keeps well. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75.

(No. 158) **SWEET, OR SUGAR.**—A small, round and very prolific variety, skin and flesh deep orange-yellow; very fine grained. The pie pumpkin of New England. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

Prices are by mail, postpaid.

"Pumpkins will pay"—should be planted by every farmer.

Bushnell, April 9, 1919.

Mr. E. A. Martin:

Dear Sir—I am sending to you a small order for seeds. I have been planting poor sugar corn and melons. If I had sent to you in the first place I am quite sure I would not have been troubled this way, as the beans, seed corn, peanuts, etc., I got from you last season proved to be fine. Wishing you success, I remain, Yours truly, N. B.

P. S. Please send by return mail or as soon as possible.

E. A. MARTIN SEED COMPANY, JACKSONVILLE, FLORIDA

HIGH QUALITY MARTIN'S POTATOES (FOR) SELECTED STOCK (SEED) STOCK

In drills 3 feet apart, 12 to 14 bushels to the acre; one peck will plant about 125 hills.

IRISH POTATO GROWING IN FLORIDA.

Of all the crops of the truck farmer, the potato is the one which is always salable at more or less remunerative prices; its general use among all classes and nationalities of population makes it perhaps the most universally planted vegetable known.

In cutting potatoes to single eyes, the cutter should commence at the stem end, where the eyes are fewer in number, and slice the pieces to single eyes each, in such a way as to distribute the greatest amount of the tuber substance possible with each piece. A good rule is, cut all medium to large potatoes to single eyes, whether sprouted or not. Small potatoes may not all mature enough to grow strong sprouts, but if a small potato is matured enough to put forth strong sprouts, cut it also to single eyes, for very little substance will supply their support, but if the potato has not sprouted it may be planted whole without much danger of its putting forth more than one stalk.

A potato delights in a comparatively cool atmosphere and moist soil, and therefore thrives best in cool months of the early spring and fall. Mulching with leaves to retain moisture often produces a good crop even if the season is very dry, as the vegetable matter serves to conserve the moisture in the soil. The soil best adapted to this crop is a rich sandy loam or a moderately light clay loam underlaid by a sub-soil of a character to retain moisture. It should be plowed deeply and thoroughly pulverized. Plow and harrow until it is put in a thoroughly good condition, and well-rotted stable manure may be applied broadcast should there be a lack of humus in the soil, but in the event the stable manure is applied, it should be done for spring crops early in the season or very late in the fall months. If too much green manure is applied it is apt to produce scab. The land should be broken a month or six weeks before time for planting. It should be broken with a two-horse turn plow and sub-soiled if possible. Into these furrows put a complete commercial fertilizer at the rate of 800 to 2,000 pounds per acre, depending on the character of the soil. Mix this with the soil and sub-soil by running two furrows with a long, narrow bull-tongue plow so as to thoroughly mix the fertilizer with the soil, then let stand for ten to twelve days before planting. Cut the tubers as previously stated and plant when ready, covering about four inches deep.

VARIETIES

The best varieties for planting in the South, and especially in Florida, are the early and extra-early varieties, such as the Bliss Red Triumph, Irish Cobbler, Improved Rose Number 4. These are the extra-early and the best for growing in Florida for the first crop. Second earliest can in some sections be grown with profit, but not generally throughout the state for commercial purposes.

The time of planting potatoes in Florida depends upon the section of the state. In the far southern portions they can be planted as early as December, growing later up to March as we go farther north, indicating the change necessary to conform to the seasons and location, the difference being about ten to twelve days for each 100 miles.

The cultivation of potatoes is very similar to that of corn. Plow deep at first and shallower with each working until ready to lay by. In this way the roots that feed the plants will not be troubled and the process of making the tuber will not be interfered with. When the vines turn yellow the tubers are ready to dig, which can best be done with an ordinary pronged potato hoe and the man. In some of the light sandy soils potato diggers are successfully used and can be successfully used in most Florida soils. The digger should not be permitted to pile them roughly into piles or throw them roughly into the baskets. The more carefully a vegetable is handled the better it will strike the public eye and, consequently, the more money it will bring the grower. Whatever may be its size, no cut or bruised potatoes should be put in the first quality, but may be in the culls. The barrels or baskets should be well shaken down and so full that the heads have to be pressed down. It is better that they should be double-headed and well coopered. The potatoes should be classed as first and second quality; and the culls, the small tubers, should be kept for feed purposes or seed, as suggested elsewhere. Cloudy weather is best for digging the crop, as potatoes should not be exposed to the hot sun, and if picked while warmed by the sun, they are apt to rot before reaching the market. If dug during the sunshine, they should be gathered as they are dug and carefully emptied into baskets or barrels and promptly hauled from the field or shaded from the rays of the sun. The potato is subject to various insects and diseases, but in this country a Florida potato grower has a great deal less to combat in this respect than those further north and west.

CULTURE.—The Potato, like all robust-growing vegetables, can be grown with varying success on soils of all kinds and in all conditions of fertility, but the soil best suited to it is a sandy loam. In all heavy soils it is more subject to disease, and the flavor also is much inferior. Manure is applied, either in rows or hills, or broadcast over the ground and plowed in—the latter, in most cases, being preferable. If the soil is good, but little manure is required. In highly enriched soil the plants are more liable to disease than when grown in soil that is naturally good. The best fertilizers are those of a dry or absorbent nature, as plaster, lime, superphosphate of lime and bone dust. For wet soils, these are particularly beneficial, as they not only promote growth but prevent disease. We have our seed stock grown especially for us. There is no better seed to be obtained. You will find listed below the varieties we carry in stock. Prices will be quoted on application.

(No. 159) **IRISH COBBLER.**—A new variety which becomes popular wherever tried on account of its earliness, handsome appearance and excellent quality. Tubers are round and smooth skin, creamy-white and often netted; flesh white. We do not hesitate to recommend this variety.

THIS COUNTRY HAS NEVER BEFORE FACED SUCH A SERIOUS PROBLEM AS THE FOOD SHORTAGE OF TODAY. UNDER THESE CONDITIONS WE ADVISE ALL OF OUR CUSTOMERS AND FRIENDS TO PLANT EVERY AVAILABLE SPOT THIS SPRING, AS THIS IS THE ONLY SOLUTION OF THE PROBLEM.

THE BEST IS ALWAYS CHEAPEST. RELIABLE SEEDS CANNOT BE OFFERED AT HALF PRICE.



Spalding Improved Rose No. 4 Potatoes

MARTIN'S MAINE-GROWN SEED POTATOES ARE GROWN AND SELECTED FOR SEED ONLY—TAKE NO CHANCES—PLANT THE BEST

(No. 160) **ROSE NO. 4.**—A favorite with Florida truckers; has given universal satisfaction for several seasons.

(No. 161) **EARLY ROSE.**—One of the older varieties, and still largely planted, many growers claiming that it has never been superseded in quality and productiveness. Potatoes are oblong, light pink color at the bud ends, cook mealy and are of the finest flavor.

(No. 162) **BLISS' TRIUMPH.**—One of the earliest, and largely planted by truckers and gardeners for early crop, being mostly shipped to Northern markets. Vines are of medium growth; yields very well. Potatoes round, with deeply indented eyes, and skin of a pinkish color.

Prices on Potatoes.

Rose No. 4	Price on application
Early Rose	Price on application
Bliss	Price on application

We sell a great quantity of seed potatoes each season and our seeds are noted for the high quality and being the best selected stock. If wanted in quantities of 5 bags or more, it will pay you to write us for special prices.

Potatoes weigh 60 lbs. per bushel. Add postage if small quantity wanted by mail.

See page 28 for descriptive matter and prices on Mulford Cultures for better crops of Clovers, Alfalfa, Peas, Beans, Vetch, Peanuts, etc.

MARTIN'S HY-TEST GARDEN PEAS

CULTURE.—Two or three bushels are required to the acre. The smooth varieties are the hardest and should be planted first. The seed is usually sown thickly in double rows, and these double rows, constituting one row, should be about 3½ to 4 feet apart. Cover seed 2 or 3 inches, and, if too thick, thin to about 1½ to 2 inches. Cultivate often, especially in dry weather. A thick stand is desirable. It is not necessary to provide supports for the dwarf sorts. Peas grow fairly well on poor soils, but a little fertilizer will greatly increase the yield. Well-rotted stable manure in the drill is splendid, but fresh manure should be avoided unless it is broadcasted.

(No. 163) **MARTIN'S EXTRA EARLY.**—One of the best first-early sorts. Very productive, and free from runners. Grows from 2 to 3 feet high, and will mature for table about forty-five days from germination, frequently in less time. A good Pea for market gardeners. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; peck, \$2.50; bu., \$9.00.

(No. 164) **BLISS' EVERBEARING.**—New second-early variety, about ten days later than the American Wonder, bearing large, well-filled pods, containing about seven or eight peas each. The vine is of dwarf habit, growing from 15 to 20 inches in height. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; peck, \$2.50; bu., \$9.50.

(No. 165) **ALDERMAN.**—Very large-podded Pea, robust and vigorous, producing pods of the largest size. Pods are larger and longer than the average large-podded sorts, are well filled with large Peas of most excellent flavor. Vines are strong and branching, bearing rich, deep green, straight, handsome pods, pointed at the end. Belongs to the tall-growing main-crop class of Peas. Vines are from 3½ to 4 feet in height. A point of superiority is the unusual flavor and quality of the Peas. As is true of most wrinkled varieties, they are delicious, but the Alderman is of a quality surpassing many of the others. Be sure to include Alderman Peas in your order. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; peck, \$3.00; bu., \$11.00.

(No. 166) **TALL TELEPHONE.**—Pods are very large, filled with immense Peas of a first-class quality; one of the finest yet introduced. Height, 4½ feet. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; peck, \$3.00; bu., \$11.00.

(No. 167) **DWARF TELEPHONE.**—(Carter's Daisy).—Excellent new variety; large, well-filled pods; Peas of fine flavor. Height, 1½ feet. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; peck, \$3.25; bu., \$11.50.

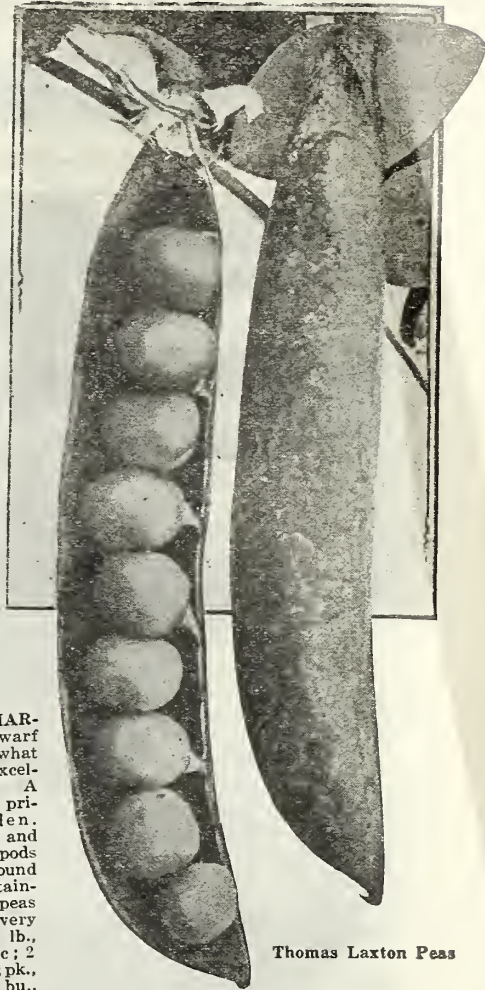
(No. 168) **CHAMPION OF ENGLAND.**—One of the best late Peas grown. Of delicious flavor, and a very profuse bearer. Desirable for home use, and especially recommended for market gardeners, and for extensive planting for the home market. Height, 5 feet. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; peck, \$3.00; bu., \$11.50.

(No. 169) **GRADUS, or PROSPERITY.**—The most popular, large-podded, wrinkled sort. Matures just after the extra-early varieties, and produces a good crop of pods 4 inches long, providing it is planted on light, warm, rich soil, but very disappointing under adverse conditions. The quality is excellent. Height, 3 feet. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; peck, \$3.00; bu., \$11.00.

(No. 170) **THOMAS LAXTON.**—A heavy cropper, bearing uniform, long, straight, square-ended, dark green pods, containing seven to eight large, rich-flavored Peas; a deep green color adding to their attractiveness when served. Almost as early as the extra-early smooth Peas, 3 feet high. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; peck, \$3.00; bu., \$11.00.

(No. 171) **ALASKA.**—Our strain of this variety is the very best. This Pea is increasing in popularity every year. Especially valuable for its earliness and productiveness and the beautiful green of its pods and Peas, which it retains longer than any other variety, making it particularly valuable for shipping purposes. Specially desirable for canners. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; peck, \$2.75; bu., \$9.50.

(No. 172) **LITTLE MARVEL.**—An extra fine dwarf sweet pea. Pods somewhat larger than Nott's Excelsior and same season. A fine variety for either private or market garden. Height, 14 in. Foliage and pods very dark green; pods 3 in. long, nearly round and square ended, containing 7 very dark green peas of high quality; very productive. ½ lb., 20c; 1 lb., 35c; 2 lbs., 65c; pk., \$3.00; bu., \$11.00.



Thomas Laxton Peas



Bloomsdale Savoy Spinach

MARTIN'S SPINACH

Two ounces will sow 100 feet of drill; 25 pounds one acre. Matures for table use in about 40 days.

One of the most desirable winter and spring greens, and is better liked and usually sells at much higher prices than kale or turnip salad. Is largely grown for shipping.

CULTURE.—For early summer use, sow early in spring in a good, well-fertilized soil, in drills 1 inch deep, 1½ to 2 feet between the rows. For winter and spring use, sow in October. Requires but little cultivation. Best developed and most tender and succulent when grown in rich soil.

(No. 173) **BLOOMSDALE SAVOY-LEAVED.**—A heavy cropper, of fine quality and very hardy, succulent leaves curled and crinkled like a Savoy cabbage, hardiest and most productive sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 10 lbs., \$4.00; 20 lbs., \$7.00.

(No. 174) **NEW ZEALAND.**—Entirely different from the true Spanish in type in that it thrives during hot weather in any soil, rich or poor. The tender shoots are of good quality and may be cut throughout the summer. Plant three or four seeds in a hill, 2 feet apart each way. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.75; 5 lbs., \$8.00.

(No. 175) **LONG STANDING.**—A good variety to sow for either fall or spring. It is a heavy cropper and in spring planting does not run to seed quickly. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 50c; 5 lbs., \$2.00.

MARTIN'S HY-TEST SQUASH SEED

One ounce of early varieties will plant 50 hills; one ounce of marrow

CULTURE.—The plants are very tender and sensitive to cold, and planting must be delayed until settled warm weather. The general principles of culture are the same as those given for cucumbers and melons, but the plants are less particular as to soil. The summer varieties should

be planted 4 feet apart each way, and the winter sorts, 8 feet. Three plants are sufficient to a hill. Care should be taken not to break the stems from the Squashes intended for winter use, as the slightest injury will increase the liability to decay.

sorts, 25 hills. Early varieties mature for table use in about 40 days.

SQUASH SEED—Continued

(No. 176) **EARLY WHITE BUSH.**—The well-known White Scalloped or Patty Pan Squash. Earliest, very productive; light cream-colored. Popular for Northern shipments for both fall and spring crops. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.50.

(No. 177) **MAMMOTH WHITE BUSH.**—This is an improved form of the Early White Bush, or Patty Pan. Is early, uniform in growth, and very prolific. Has beautiful, clear white skin and is from 8 to 12 inches in diameter. Tender and of good flavor. Fine quality and size for home gardens and near-by markets. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.75.

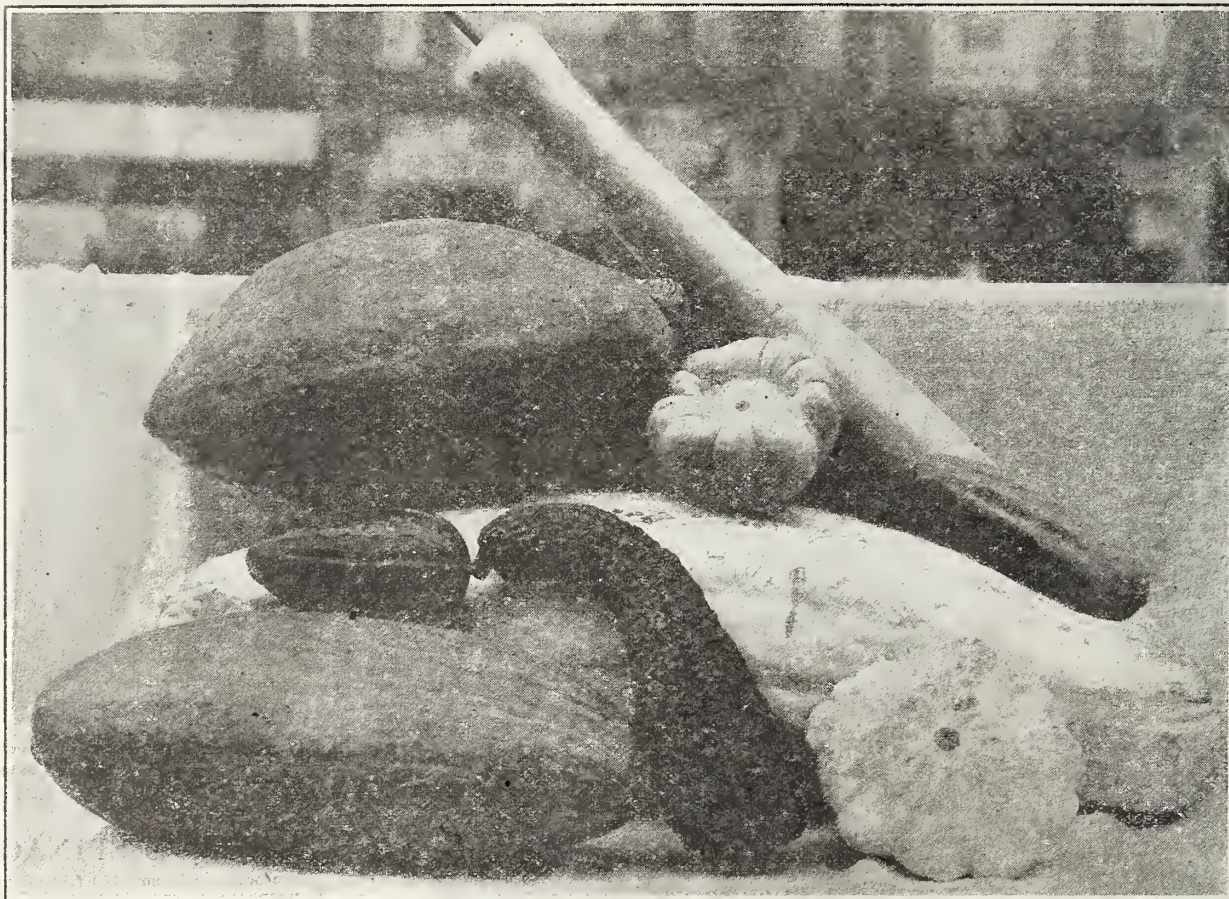
(No. 178) **YELLOW SUMMER CROOKNECK.**—A favorite in both

home and market gardens. Fruits rather small, of bright orange color. Rich and buttery. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.75.

(No. 179) **HUBBARD.**—Excellent winter variety; well known. Noted for the uniform good quality of its fine-grained and nutty-flavored flesh, and its good keeping qualities. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$5.75.

(No. 180) **BOSTON MARROW.**—Fall and winter variety; large oval; skin thin; when ripe, bright orange, with a netting of light cream color; flesh rich salmon-yellow. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

(No. 181) **ITALIAN VEGETABLE MARROW.**—A summer variety of bush habit; fruits oblong, about 12 inches in length and 5 inches in diameter; color dark green, marbled with yellow and dark green stripes. Pkt., 10c; oz., 25c; ¼ lb., 50c; lb., \$1.75.



Prize Squashes

MARTIN'S HY-TEST RADISH SEED

Two ounces will sow 100 feet of drill; 8 to 10 pounds to plant an acre. Matures for table use in 20 to 30 days.

CULTURE.—Sow in the spring as soon as the ground can be worked. Radishes require rich, mellow soil. The early, small varieties can be sown broadcast among other crops, such as beets, peas, etc. Sow every ten days for a succession. In Florida, along the Gulf Coast, they can be sown all through the winter.

Prices are by mail, postpaid.

(No. 182) **EARLY LONG SCARLET SHORT-TOP.**—One of the best Radishes on the list; very early, attaining a large size; of very best flavor, and will remain in eating condition longer without getting pithy than any other sort. Our strain of this sort is very fine. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.

(No. 183) **EARLY SCARLET TURNIP, WHITE-TIPPED.**—One of the handsomest turnip sorts on the market. An early planting sort; very hardy; quick growing. The radish is turnip-shaped, bright scarlet with white tip; one of the most salable sorts. Flesh firm and crisp; small tops. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.50.



Crimson Giant Radish

(No. 184) **SAXA RADISH.**—The Saxa reaches a marketable size three days earlier than any other forcing variety. The roots are round or ball-shaped rather than turnip-shaped, with the thinnest possible tail. The color is bright, deep, fiery scarlet with no hint of purple in it. The roots often reach a marketable size with only two true leaves. Because of its small top, quick maturity and handsome color we consider this the best forcing radish and can recommend it equally well for outdoor culture. Pkt., 10c; oz., 20c; ¼ lb., 50c; lb., \$1.50; 5 lbs., \$5.00.

(No. 185) **FRENCH BREAKFAST.**—A fine forcing Radish, maturing in twenty days from germination; makes very little top, and may be cultivated close together. It is oval-shaped, skin bright scarlet, but tipped at the end with pure white. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs. \$3.50.

(No. 186) **CRIMSON GIANT.**—Extremely large but never pithy. One of the best for outdoor culture. Top is a little too large for a forcing sort. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., \$4.25.



White Icicle Radish

SEEDS, BULBS, PLANTS, GARDEN and POULTRY SUPPLIES

RADISH SEED

—Continued

(No. 187) **WHITE ICICLE.**—Produces beautiful, long, white roots, extremely early, hence decidedly popular for forcing and a splendid sort for light, deep soil for out-of-doors. In twenty-five days after sowing this radish is ready for pulling. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00.

(No. 188) **LONG BLACK SPANISH.**—One of the largest, latest, as well as the hardest of Radishes. Roots of medium size, oblong, black, and flesh is of firm texture. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.

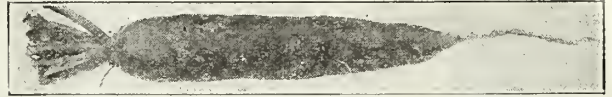
(No. 189) **ROSE CHINA WINTER.**—Bright rose-colored skin; flesh white and the quality excellent; one of the best for fall and winter use. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; 5 lbs., \$4.50.

(No. 190) **ROUND BLACK SPANISH.**—Roots round, sometimes top-shaped, three or four inches in diameter; skin black; flesh white. Fine for winter use, as the roots keep a long time. Pkt., 10c; oz., 15c; $\frac{1}{4}$ lb., 35c; lb., \$1.25.



Early Scarlet White-Tipped

(No. 191) **EARLY RED, or SCARLET TURNIP.**—Dark crimson color, with white flesh. Splendid for general early use, as it does not get pithy as soon as most of the early sorts. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; lb., \$1.00; 5 lbs., \$4.50.



Cincinnati Market Radish

(No. 192) **CINCINNATI MARKET.**—It is very early, splendid for forcing or open ground. The tops are very small, and they may stand close in the row. They grow straight and smooth, from 6 to 7 inches long. The flesh is very tender, crisp and delicious. This is a handsome variety, bright red in color, and remains in good condition for several days. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; lb., 90c; 5 lbs., \$4.25.

INCUBATORS

Write for Incubator and
Brooder Catalog

Tomato-Growing in Florida

At present in Florida it exceeds in volume and value nearly four times that of the next most important vegetable crop (Irish potatoes). In 1910 the crates marketed were 2,336,948, the net value of which was \$2,528,620. The Tomato, therefore, is Florida's greatest vegetable crop, standing next in importance and value to the Orange.

SELECTION OF SOIL

The tomato will resist drouth better than it will too much rain; in fact, it stands drouth better than most vegetables; the soil, therefore, best adapted to this crop is a good, well-drained sandy loam. The tomato is not a gross feeder; it seems to prefer a light soil to one that is too fertile, or that has been made rich with heavy animal manures; cow manure in moderate quantities is good, but chemical manures in proper quantities are best in most cases.

SEED BEDS

We do not believe in the extreme views of some growers, who plant the seeds directly in the field, where the crop is to be produced. A seed bed is really indispensable; it makes success more certain and it should be well equipped to afford speedy and ample protection against cold, and of ample dimensions to furnish a relay of plants, if the first setting is destroyed by cold, and even a second relay is often necessary, for sometimes even these reserve forces have to be brought into action.

It is best to have three or even four good, large plants provided in the seed bed for every one the planter expects to raise to maturity. This is the true wisdom of the foresighted and provident grower, who, by his strong management, will force success against obstacles before which weaker men will go down in defeat. The tomato is a feeble plant in its infancy and an easy prey to frost and mysterious fungous enemies—yet, if we faithfully defend and feed it, it will yield the dollars.

The seed beds may be of light, rich, sandy loam, raised a few inches above the level of the ground. It is considered best to have them six feet wide, and as long as desired, running east and west. Have on the north side a tight board wall, three feet high, on the south side half as high, with tightly boarded gables. This will give a shed-roof with light rafters nailed across, on which to roll down the roof of cloth, tacked to rollers anywhere from thirty to fifty feet long.

Let the rafters have no projection, so that the cloth may drop down snugly against the south wall. Such a covering of cloth alone will protect the plants against a white frost; a sheet iron coke burner, such as the pineapple men and orange growers use, placed every fifty or seventy-five feet, will protect them against a black frost.

Make drills crossways of the beds, three to four inches apart, sow the seed in thinly, say about two or three to the inch. Cover three-fourths of an inch. Firm the soil with a board or light roller, and water with a light spray, as may be needed to keep the soil moist, but be sure not to overdo it, as too much moisture will cause the plants to damp off, and to grow small and slender, especially near the front and back walls of the frame. It is therefore advisable to sow the seed more thinly near the front and back than in the middle of the bed. Roll down the cover on chilly nights.

When the plants begin to have four leaves, cultivate lightly at least once a week. Pull out clumps of spindling plants where the seed chanced to fall in a bunch. Thin to three inches by cutting across the drills with a narrow hoe.

Where the plantation does not exceed a half dozen acres, it pays to take up and reset the plants once or twice to render them more hardy and stocky. To toughen them against this removal it is recommended to reduce their supply of water for about ten days to render them somewhat dormant. This is to be continued up to the hour of removal. This may be done without fear, as the tomato is very tolerant of a transfer.

TRANSPLANTING TO THE FIELD

First make ready the field two weeks beforehand. Supposing it to have been plowed in November and thoroughly cross-plowed in January, then with a two-horse plow run out furrows four feet apart and strew in the fertilizer at the rate of 600 pounds per acre. Work in a little of the furrow, slice and mix it with the fertilizer with a bull-tongue. Strew in as much more and mix again, thus giving 1,200 pounds per acre and leaving the surface level. Set the plants two to three feet apart, according to the strength of the land. Some growers prefer to manure the plants in the hill, which probably saves in the amount of fertilizer required per acre, but either plan is good, one about as good as another, and is largely a matter of choice only.

Reject rigorously all weakling plants. Leave them in the seed bed to grow; when relieved of the crowding, they may come on and furnish a relay if needed. Wet the ground soft and pull the plants up carefully, running the forefinger under, if necessary. Wet the rows down again to restore the level after the upheaval.

We have very little confidence in plant-setting machines with tomatoes. They are fine, and great time and labor savers in the planting of some crops, but not for tomatoes; they are too tender and easily bruised. The way is to set by hand with the best-paid class of men and not with children at all. Children are only fit to pick cut-worms. Take hold of a plant and pull; if the leaf comes off, the plant was properly set; if the plant comes up, the setting was poorly done. Caution the setters constantly against leaving airholes at the bottom; make them fill in at the bottom first, then at the top. Firm the earth; have an experienced man follow along; place one foot on each side of the plant, rock a little forward and throw his whole weight on his toes, opposite the plant.

Keep the plants screened from the sun, in a vessel with water enough to cover their roots. Let each setter have his own vessel of plants; take one out at a time and immediately place it in a hole punched in the ground, not exposing the roots to the air two seconds.

CULTIVATION

This is as simple as with corn. It may be deep and close for a few weeks, but keeping further away and more shallow as the plant advances, ceasing when the bloom-buds come.

There is little doubt that staking the plant and nipping out the terminal bud above the first cluster of bloom hastens the maturity and improves the size of the tomatoes; but it is questionable if it will pay with the present prices of labor. In a small field tended by the grower's family, it would probably be profitable. Do not prune the plants if you expect to ship your fruit to market; you will get fewer but larger fruit, but it will not pay you.

When picking the earliest fruits it should be remembered that the cold weather in the North will permit them to ripen very little on the road; hence they should not be gathered until they have begun to redden slightly. A greener one would remain hard and uneatable and rot before it would ripen. Later on, as the weather in the North grows warmer, they may be picked when they have fairly turned white, preparatory to reddening. An immature tomato removed from the plants always remains more or less tough. This objection may be remedied to a considerable extent by proper fertilizing. A tomato grown on a well-proportioned strongly mineral fertilizer will be comparatively melting in the mouth, while one produced on nitrogenous manures will be tough and wilted.

E. A. MARTIN SEED COMPANY, JACKSONVILLE, FLORIDA

TOMATO-GROWING IN FLORIDA

(Continued)

The tomato, though it is so great a crop, is well worth being treated as a fancy product. In fact, all the early produce of Florida is deserving of this distinction. Coarse, brown wrapping paper cheapens the fruit. The buyer is only too ready to take it at the grower's own estimate. Valuable packages are not wrapped in hardware paper. The best printed tissue wraps should be used, and let the fruit also be worthy of the wrappings.

VARIETIES

There are such a large number of equally good varieties to choose from that one can hardly go amiss, and while at one time it was thought that

only one or two kinds would bear shipment, continued improvements with new varieties have so changed these conditions that it is largely a matter of choice or personal preference as to which is best in the grower's opinion.

BLIGHT AND INSECTS

With the tomato, as with all other vegetables in this state, no precaution against insects should be neglected; prevention is much easier than medication. The one pre-eminent precaution is to use strong tobacco dust sprinkled around the plants as soon as they are set out. Blight is also far easier to overcome in advance. Burn all the old vines as soon as the harvest is over, thus destroying the germs of blight or other diseases. It is best to plant tomatoes in rotation with crops that are affected with diseases different from the tomato, such as corn, cabbages, peppers, etc.

MARTIN'S HY-TEST TOMATO SEED

One ounce will produce 1,500 plants. For table use, 90 to 120 days, according to variety.

All prices of Tomatoes are by mail, postpaid.

CULTURE.—Tomatoes do best on light, warm, not overrich soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Sow in hotbeds from six to eight weeks before they can be set out of doors, which is when danger from frost is past. Transplant carefully and cultivate well as long as the vines will permit.

(No. 193) **LIVINGSTON'S GLOBE TOMATO (HY-TEST RED SEAL BRAND).**—This variety needs no introduction to the Florida shippers, and we are pleased to advise that we are placing our Red Seal on the excellent strain of Livingston's Globe that we supply. Our seed stock of this variety is grown from Livingston's original strain. Always smooth, firm-fleshed, fine, glossy rose in color, tinged with purple; very productive, early. Fruits are right size and shape to pack well for shipment. Ripens evenly through and through. Bears fruit in clusters from three to seven fruits.

It is used largely as a shipper and on an average arrives on the Northern markets in better condition than any other variety yet tried in Florida. $\frac{1}{4}$ lb., \$1.50; lb., \$4.50; 5-lb. lots, \$20.00. Not put up in less than $\frac{1}{4}$ -lb. size.



Livingston's Globe Tomato

(No. 194) **LIVINGSTON'S GLOBE TOMATO.**—Of large size, maintained throughout the season, always smooth, firm-fleshed, and has very few seeds, especially in the early fruits. Ripens evenly through and through. Fine, glossy rose in color, tinged with purple. Very attractive. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

(No. 195) **JOHN BAER TOMATO.**—The earliest Tomato on earth. Our seed came from a source that we know to be reliable and was grown especially for us. This Tomato has a bright red color and produces large, beautiful, solid shipping Tomatoes earlier than any other Tomato that can be planted. It will produce the most perfect Tomato ever grown, will produce an enormous crop, ripens evenly, has a mild, delicious, sweet flavor, and is almost seedless, solid and meaty; fruit weighs $6\frac{1}{2}$ ounces. Being such a tremendous yielder, a bushel of "John Baer" Tomatoes can be gathered in one-third the time of any other Tomato. Pkt., 10c; $\frac{1}{2}$ oz., 20c; 1 oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

(No. 196) **LIVINGSTON'S BEAUTY.**—The best all-round Tomato; exceedingly early, large, smooth and remarkably prolific. It is grown more largely by truckers and market gardeners than any other sort. The variety is of glossy crimson, with a slight tinge of purple; skin tough; good keeper and shipper. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.00.

(No. 197) **NEW STONE.**—Ripens evenly, very solid, and of excellent quality. The fruit is large, of dark brick-color, solid, fleshy and is not subject to rot like some varieties; nor does it ever have a green core. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.



Martin's Redfield Beauty Tomato

(No. 198) **EARLIANA.**—Has easily gained the reputation of being the best first-early Tomato. The plants are quite hardy, with rather slender branches and moderate growth, well set with fruits, nearly all of which ripen extremely early in the season. The Tomatoes are bright red and grow close together in clusters; all of medium size, averaging $2\frac{1}{4}$ inches in diameter. They are smooth and solid, quite thick through and free from rough ribs or cracks. The flesh is a deep red, with solid center and small cells; slightly acid flavor. Pkt., 10c; oz., 25c; $\frac{1}{4}$ lb., 90c; lb., \$3.00.

(No. 199) **DWARF CHAMPION (Purplish Pink).**—Sometimes called the Tree Tomato. Especially desirable for small gardens, as they may be grown as close as three feet. The vines are stiff and upright, holding the fruits well off the ground. Smooth and attractive, firm, solid, with thick flesh and meaty center. Bears in clusters of 3 to 5 good-sized fruits and continues in bearing till frost. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.00; lb., \$3.50.

(No. 200) **MARTIN'S REDFIELD BEAUTY.**—Cannot be beaten as an all-round variety. Second early, vigorous grower, fruits crimson color with slight tinge of purple. It cannot be excelled as a good shipper, the skin does not break easily. If you plant Martin's Redfield Beauty for either market or home use you are planting the best. Pkt., 10c; oz., 35c; $\frac{1}{4}$ lb., \$1.25; lb., \$3.75; 5 lbs., \$17.00.

(No. 201) **PONDEROSA.**—Unquestionably the largest Tomato grown. The vines are vigorous, producing a very large stalk and an unusually thick stem, which is accounted for in the great size and weight of the fruit. One of the best-flavored sorts grown, almost solid, and contains scarcely any seed. The fruit, when ripe, is cardinal-red, and, on account of its compact structure, will keep longer than any other sort. Pkt., 10c; $\frac{1}{2}$ oz., 20c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

(No. 202) **DUKE OF YORK.**—Round, rich scarlet, large size; flesh firm and of fine flavor; blight proof. The Duke of York is the only reliable blight-proof variety. Splendid shipper and makes a fine market appearance. Fruits form in clusters of 5 to 10 and are above the average size; a strong, healthy grower; big cropper, and stays in bearing a long time. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.

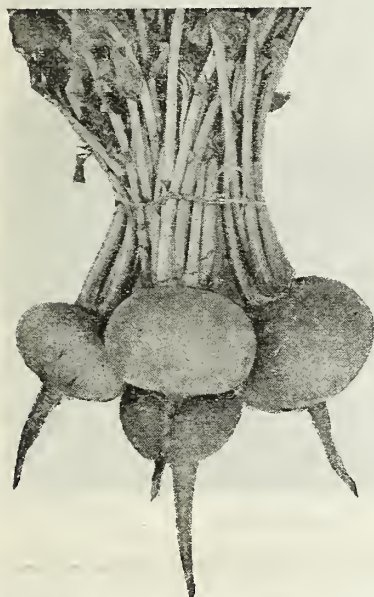
(No. 203) **JUNE PINK.**—New. Very early; of medium size, round, smooth, and very solid. Bright pink. Pkt., 10c; oz., 40c; $\frac{1}{4}$ lb., \$1.25; lb., \$4.50.



John Baer Tomato

MARTIN'S HY-TEST TURNIP SEED

Turnips can be planted in Florida almost the year round. Quantity prices on Turnips. From 3 to 4 pounds to an acre. Matures for table use in from 55 to 85 days, according to variety.



Early White Flat Dutch

(No. 209) **AMBER GLOBE.**—Flesh is beautifully yellow, very fine-grained and very sweet. Will grow to very large size in the South; is one of the very best keepers for winter use. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

(No. 210) **WHITE GLOBE.**—Color pure white; shape round; size large; solid, quick in growth for a large Turnip, producing a great weight to the acre. Rapidly growing in popular favor, more especially as a late winter and spring variety. Productive, hardy and closely resembles in size and shape the popular Purple-Top Globe. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50.

CULTURE.—Plant for succession from September to April in drills 14 inches apart and thin out plants to 6 inches. Turnips thrive best in a highly enriched, sandy, gravelly or light, loamy soil. Spring sowings should be put in early so that they will attain a good size before hot weather; otherwise they will become tough and bitter.

ALL THE PRICES ARE BY MAIL, POSTPAID.

(No. 204) **EARLY WHITE FLAT DUTCH (STRAP-LEAVED).**—An old stand-by, and one of the most popular early varieties in the South for either spring or fall plantings. Of medium size and a quick grower. Is flat with very small fine tap root. Flesh and skin pure white; finegrained and sweet. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50.

(No. 205) **RED, OR PURPLE TOP (STRAP-LEAVED).**—The most widely cultivated and best-known variety. Used largely for sowing broadcast among corn and potatoes. It is round and flat, white on the bottom and a reddish purple above ground, and a very quick grower. It is esteemed as a fine table variety. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50.

(No. 206) **SEVEN-TOP.**—The most popular variety for winter and early spring "greens" in the South. Very hardy, growing all through the winter. Can be cut at all times, giving a supply of fresh vegetable matter at times when nothing else is available. Can be sown from August till December and in early spring. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50.

(No. 207) **EXTRA EARLY WHITE EGG.**—A Turnip of the sweetest flavor, ready for use in six weeks from the time of sowing with good seasons. In quality it is the finest of all. While the size is small compared with some others, its earliness and quality more than make up for any lack of size. Skin and flesh are pure white; bulbs almost egg-shaped, solid, fine-grained and a good keeper. Very attractive when bunched for market. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.25.

(No. 208) **RED-TOP WHITE GLOBE.**—One of the largest and finest of all the Turnips, beautiful globe shape, with pure white flesh and a red or purple top. Of very rapid growth for a globe variety, and will produce more to the acre than any known variety. May be sown either broadcast or in drills. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.50.



Red-Top White Globe

(No. 211) **LONG WHITE COWHORN.**—Roots are long and carrot-shaped. One-third to one-half of the root is formed above ground. A deep rooter, resisting drouth. Flesh pure white, fine-grained, sweet and of good table quality. Hardy. By many it is sown in combination with Dwarf Essex Rape for winter pasture. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.25.

(No. 212) **IMPROVED GOLDEN BALL.**—One of the sweetest and most desirable yellow-fleshed varieties; of medium size, a perfect globe shape, with firm, hard yet rich and sweet flesh. It has no equal as a table variety; keeps well. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

RUTABAGA

The flesh of the Rutabaga is firmer and richer, generally speaking, than that of the turnip, of which family of plants it is an important member. They are usually more highly prized for winter markets, whereas the turnip comes into value for the spring and early fall markets. Perhaps the most general use of the Rutabaga, however, is for the feeding of stock. In many sections it forms a valuable adjunct to the ordinary stock food, and its nutritive value has been frequently demonstrated. Because of the fact that the yield is usually very heavy, a stock food is provided that is at once cheap, rich, succulent and nutritious.

CULTURE.—They like a rich, well-prepared soil, and should be sown in drills 30 inches apart, and thoroughly cultivated. When bulbs begin to form, throw dirt to the bulbs, keeping them well covered. This prevents the objectionable neck, so often seen on Rutabagas. They should be given room to allow development and to this end should be thinned out to about 8 inches in the row.

(No. 213) **IMPROVED AMERICAN PURPLE-TOP RUTABAGA.**—This strain is of American origin, bred to a smaller top and short neck. The bulbs are of great size, yellow-fleshed and purple crown, one of the

most desirable varieties now cultivated. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75.



Improved American Purple-Top Rutabaga

Why HY-TEST SEEDS?
They are Crop Insurance.

A FEW WORDS ABOUT IRRIGATING THE HOME GARDEN

In seed beds, where small seeds are sown thickly, it is necessary to sprinkle the beds, never flood them. During the winter months sprinkle only in the morning when the water is warmer than the dew. This allows all the heat that accumulated in the soil during the day to be retained far into the night. During the hot summer months it will be necessary to sprinkle in the evening to revive the plants after a hot day.

When making a garden, whether for drilling or planting seed, or setting plants, always wet the ground thoroughly. GIVE IT A GOOD SOAKING TO A DEPTH OF TWO OR THREE FEET OR MORE. As soon as it is tillable—that is, as soon as it can be spaded and pulverized, or when the soil will not stick to the spade—dig it 10 to 12 inches deep, put stable manure into every other furrow and turn it under. This is needed for humus and fertilizer, either in sandy or loamy soil, and more especially in adobe soil. Pulverize the soil thoroughly and rake it evenly. While it is still moist, plant seed from one-fourth inch to one inch deep, in heavy soil, and a little more deeply in sandy soil. Planted this way, almost any variety of seed will germinate, and show above the ground in from four to ten days without irrigation. Never sprinkle a new garden before the plant is above ground, nor after, if you can irrigate between the rows. It is far better to irrigate than to sprinkle, and much less labor. Always mulch the soil after each irrigation, as soon as it mulches readily, but no sooner. To allow the soil to bake after irrigation is far worse than no irrigation at all.

To sprinkle the garden slightly each day during the summer months is of little value unless the ground is also thoroughly irrigated once each week or two, according to the nature of the soil. Slight sprinkling refreshes the foliage, but may not penetrate the soil more than one inch deep. Thus as the under soil dries, the roots get no moisture. The plants suffer, and you do not suspect the cause because you sprinkle each day. This is a common fault and the cause of many failures.

A Word About Sowing Seeds

Many seeds are small and the germination weak; therefore, sow them very shallow, often not more than one-eighth inch deep. This is because the germ or sprout must have air and light. If this is denied by too deep sowing, it dies before it reaches the surface.

In order to assist small or weak seeds to grow, it is advisable to plant plentifully, because the many seeds will give strength to raise the soil where one could not do so.

This advice applies particularly to beet and melon seeds, but is applicable to all small seeds. It is easy to thin out the surplus plants. A good general rule is to plant seeds to a depth equal to from three to five times their diameter.



Test Plot at Roseland Farm

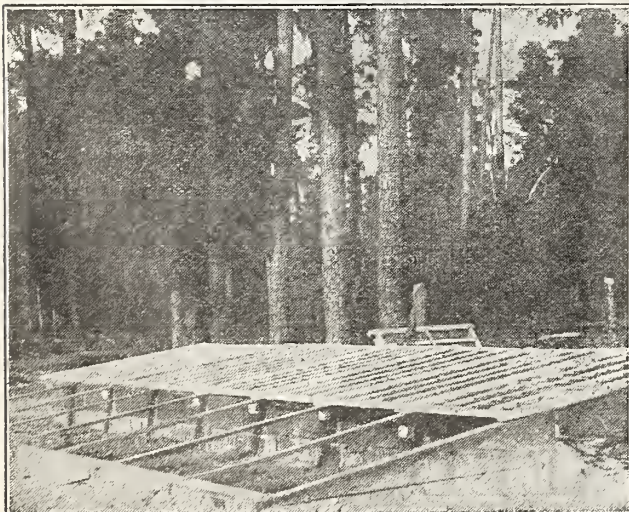
This "Trade-Mark" Is Your Crop Insurance



Martin's Hy-Test Seeds

Are carefully selected and tested for
best results in Florida and the South

Cheap, inferior seeds are the most costly—Plant Hy-Test Seeds

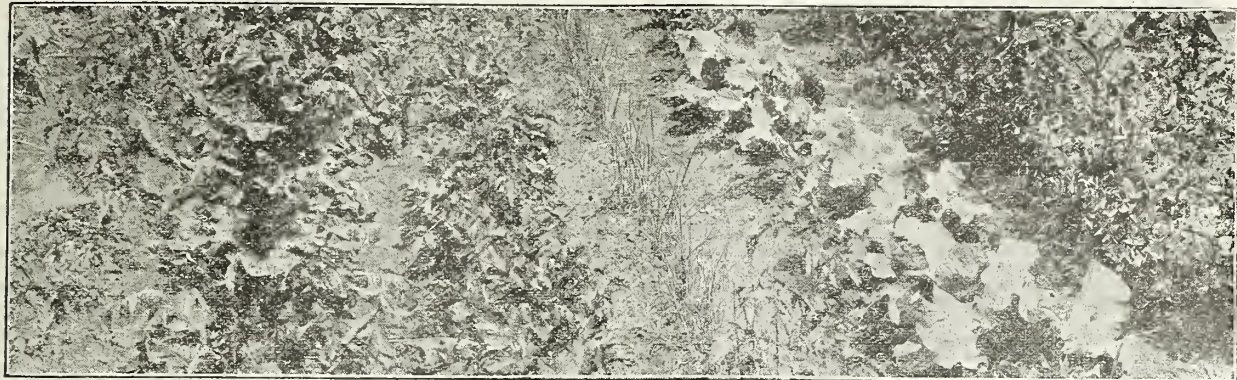


One of the many hotbeds on our own farm where we grow our plants

BIGGER CROP PRODUCTION IS A MATTER THAT CONCERNS YOUR POCKETBOOK.

MARTIN'S PLANTS

Grown on Our Own Farm
From Martin's Hy-Test SEED
FRESH DUG AND SHIPPED SAME DAY—REAL QUALITY PLANTS



Pleasure and profit are both attained if Hy-test Seeds are used

We are striving to give our customers the best of everything and we know that if you haven't been buying our plants that if you order them and try them out this fall that they will please.

We expect to be able to supply all seasonable plants and we are listing below a few varieties. If you are in need of plants, write us for special price list and information, as it is not practical to name prices at this time.

CABBAGE PLANTS

BY PARCEL POST, PREPAID.
(Frost Proof.)

(No. 214) Grown from best seed and not imported seed; shipped direct from our growing stations—shipment from October to April 15th. Transplant deep, up to the first leaf, in deep, rich soil, and water plants well. Set out 2 to 3 feet in row; rows 30 inches apart, 7,000 to 8,000 plants per acre, ready for use in 100 to 150 days. Varieties: Jersey Wakefield, Charleston Wakefield, Succession and Early Flat Dutch. Terms, cash with order. No plants shipped C. O. D.

LETTUCE PLANTS

(No. 215) Ready for shipment from November 1st until May. Prices on application.

CAULIFLOWER PLANTS

Ready for shipment October 15th.
(No. 216) EARLY SNOWBALL.

EGGPLANTS AND PEPPER

(No. 217) Plants in season. The most popular varieties.

ONION PLANTS

(No. 218) CRYSTAL WAX AND WHITE BERMUDA.—Ready for shipment from November to April. Prices on application.

TOMATO PLANTS

We can furnish from February until June.

(No. 219) EARLIANA, GLOBE, BEAUTY, PONDEROSA.—Prices on application.

COLLARD PLANTS

Ready for shipment October 15th.

(No. 220) FINE GEORGIA COLLARDS AND N. C. SHORT STEM.

FLOWER PLANTS

(No. 221) We can furnish Shasta Daisy Plants, Pansy Plants, Cosmos, Salvia or Scarlet Sage.

Get our price list in season.

SHASTA DAISY

(No. 222) SHASTA DAISY.—A fine perennial plant, bearing large, white, single blossoms, with yellow centers. Soak seed in warm water over night before sowing.

STRAWBERRY PLANTS

FOR FLORIDA

20,000 Plants for an Acre

Can be set out in July and August during the rainy season to procure best results for early berries in December.

One of the essential conditions for growing strawberries in Florida is the selection of a well-drained field, preferably pine land with a clay subsoil. The first step is to plow land thoroughly, then broadcast commercial fertilizer about one ton to acre. Harrow in thoroughly, and after this is done lay off the beds 5 feet wide with an eight-inch shovel running twice to the furrow; then pull the dirt from middle of furrow to center of bed. Lay off rows 12 inches apart, four rows to the bed. Set plants 15 inches apart in the rows. After plants are set, work around plants one week after setting. Cultivate at intervals of two weeks during July, August and September to keep down the grass. First of October give second application of vegetable fertilizer at rate of one thousand pounds to acre. When bushes begin to show the bloom forms, apply five hundred pounds of fruit and vine fertilizer.

A slight mulch of pine tops or straw applied after cultivation will improve the quality and cleanliness of the fruit.

(No. 223) KLONDIKE.—The true Klondike Strawberry we offer, proven to be one of the most valuable Southern berries. When fully ripe it is of excellent table quality, having a decided flavor, aroma and character of its own. Grows on a long stem. This keeps the berry clear of the ground, causing them to require less mulching than most kinds. This is also a safeguard against frost. It is a plant of remarkably vigorous growth and of enormous productiveness.

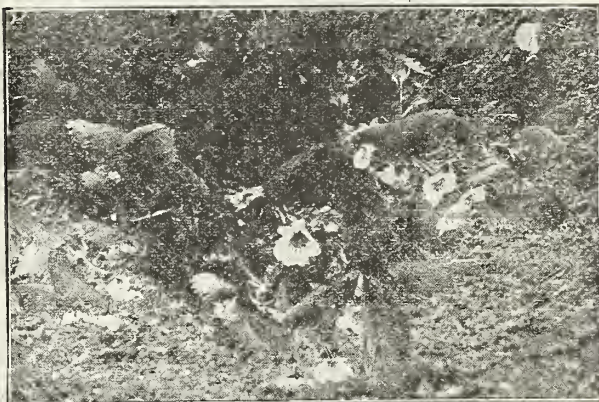
(No. 224) MISSIONARY.—A new variety, very popular through the trucking districts. Strong grower, making plants freely; early to mature, coming in directly after Excelsior, and very productive. The berries are well colored, firm, large, and hold their size well throughout the season. Good shipping qualities, and is being planted on an extensive scale by berry growers.

We only offer two varieties, although the number of varieties are many. These two varieties have proved the best.

MISSIONARY, \$1.00 per 100; \$3.00 per 500; \$5.00 per 1,000.

KLONDIKE, \$1.00 per 100; \$3.00 per 500; \$5.00 per 1,000.

Above prices by Express Collect. If by mail, add 15c per 100.



Strawberries in Bloom at Roseland Farm

LAWNS

It is possible for the lawns in Florida to become famous as the most beautiful in the world. In few places can a new home become so quickly surrounded with luxuriant vines, trees, shrubbery and flowers. More can be accomplished in this climate in one season than can be done in five seasons in the North. But it, of course, requires work and skill to keep up the beauty of a lawn. It is necessary to feed the grass well, as you can't expect it to remain beautiful after the elements of plant food have been exhausted.

Lawns can be made in Florida all the year. The first thing to do in making a lawn is to put the soil in proper condition. Unevenness in soil texture and fertility produce unevenness in the growth and color of the lawn grass.

Lawns should not be clipped too short during the hottest and driest months of the year. The knives of the machine should be set high and the short, fine clippings may be allowed to remain on the lawn, where they can work down around the grass plants and produce a mulch that will conserve moisture and protect the crown of the plants from extreme heat. If the grass is allowed to grow too long before cutting and a large amount of clippings are produced, they are better raked off and taken away.

In new lawns weeds usually give trouble and very often in old ones. For this we recommend only hand weeding, as it seems to be the only reliable remedy. Weeds should be pulled, roots and all, as soon as they make their appearance and are large enough to handle. They are more easily pulled from soft, moist soil than from a hard, dry surface.

MARTIN'S FLORIDA SUMMER LAWN MIXTURE

(No. 225) MARTIN'S FLORIDA SUMMER LAWN MIXTURE.—This is a superb special mixture for summer lawns and is adapted only to Florida. If you will use this mixture and give your lawn good care you will have one of the finest lawns possible to obtain. Now is the time to start. Per lb., 75c, postpaid.

We have Special Lawn Grass Mixtures for Golf Courses, Country Clubs, Public Parks and Play Grounds. Write us for prices.

Our special lawn fertilizer should be used to obtain best results. Write us for prices.

ST. AUGUSTINE GRASS

(No. 226) ST. AUGUSTINE GRASS.—Propagated from roots. Write for prices.

ITALIAN RYE GRASS

Sow from 6 to 8 bushels per acre for lawns.

(No. 227) ITALIAN RYE GRASS.—One of the most valuable grasses for fall planting, a quick grower, an annual, dying out the first summer. It is used mostly in Florida as a lawn grass, and makes one of the quickest growths that can be planted. It is generally sown over Bermuda or other lawn grass and will make a green lawn till spring. We are selling a great quantity of this each season, and the sale is steadily increasing. 1 lb., 30c; 5 lbs., \$1.25; 10 lbs. (½ bu.), \$2.25; 20 lbs. (1 bu.), \$3.00.

BERMUDA GRASS

Sow for lawns 15 pounds per acre.

(No. 228) BERMUDA GRASS.—This is the most valuable lawn grass for Florida, as it is well adapted to light soils and in some sections is the only grass that will make a good sod on this class of soil. It also does well on clay and loamy soils. It is rather late to start in the spring, but stands hot, dry weather remarkably well, making a valuable summer lawn. Some gardeners prefer to mix a percentage of Kentucky Blue Grass and white clover with Bermuda and especially when a quick lawn is desired, as the clover and the Kentucky Blue Grass will make a good green showing before the Bermuda Grass is ready, but the Bermuda Grass is to be depended on for a permanent summer lawn. Lb., 75c; 5 lbs., 60c lb.; 100 lbs., 45c lb.

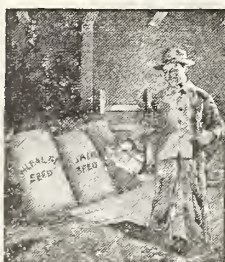
For winter lawns, Italian Rye is used. We sell carloads of Italian Rye each season for Florida winter lawns. See description on this page.

CLOVER SEED

(No. 229) WHITE.—Well known. It forms a thick, close turf, is excellent to sow for pastures, especially on sandy soils, and should enter into the composition of all lawn mixtures. Alone, it requires four to six pounds per acre; in mixture, from one to two pounds. Lb., 75c, postpaid; 5 lb. lots, 70c per lb.; 25 lb. lots, 65c per lb.


KENTUCKY BLUE GRASS

(No. 230) KENTUCKY BLUE GRASS.—It is rather sensitive to heat, but not so to cold weather, and on this account does its best in the fall, winter and spring. It grows slowly at first, forms a very compact turf, making a fine pasture when once established. It is much the best, however, to combine other grasses with it for either lawn or pasture. Sow in the spring or fall. Lb., 75c, postpaid; 5 lbs., 65c lb.; 25 lb. lots, 60c lb.



Inoculate Your
Alfalfa, Clovers, Cow Peas, Soy Beans, Vetches
and
Other Legume Crops
WITH
Mulford Cultures
FOR LEGUMES

Small Cost Large Returns Easy to Use No Labor Expense



(No. 231) MULFORD CULTURES contain pure, tested strains of active, vigorous nitrogen-fixing bacteria, for inoculating seeds of legumes or soil.

MULFORD CULTURES are scientifically prepared and tested with the utmost care and skill. Enormous numbers of these very valuable and desirable bacteria are thus available to you in every package of Mulford Culture and may readily be applied to your seed. The sealed bottle insures purity.

Increase Your Crops—Improve Your Soil

Legumes offer the best known means of maintaining soil fertility and rejuvenating overcropped and worn-out fields. They add both humus and nitrogen to your soil and thus increase your fields of wheat, cotton, corn and other non-legume crops.

The U. S. Department of Agriculture and many State Agricultural Experiment Stations recommend inoculation of legumes with nitrogen-fixing bacteria to induce a prompt "catch" and increase your yield.

MULFORD CULTURES are prepared for:

ALFALFA
CRIMSON CLOVER
SWEET CLOVER
RED CLOVER
PEANUTS
VETCH

VELVET BEANS
SWEET PEAS
GARDEN PEAS
ALSIKE CLOVER
BURR CLOVER
COWPEAS

SOY BEANS
GARDEN BEANS
LIMA BEANS
LESPEDeza
BEGGAR WEED
And others

Always specify on your order what crop you want to inoculate, as there is a different strain of bacteria for each legume.



Prices: 5-acre size, \$5.00 (A Dollar per Acre). 1-Acre size, \$1.50. ¼-Acre size, 75c.
Small size (supplied only in four varieties, for Garden Peas, Garden Beans, Lima Beans and Sweet Peas), 35c.

(These prices include delivery on freight shipments.)

FREE DESCRIPTIVE FOLDER SENT UPON REQUEST.

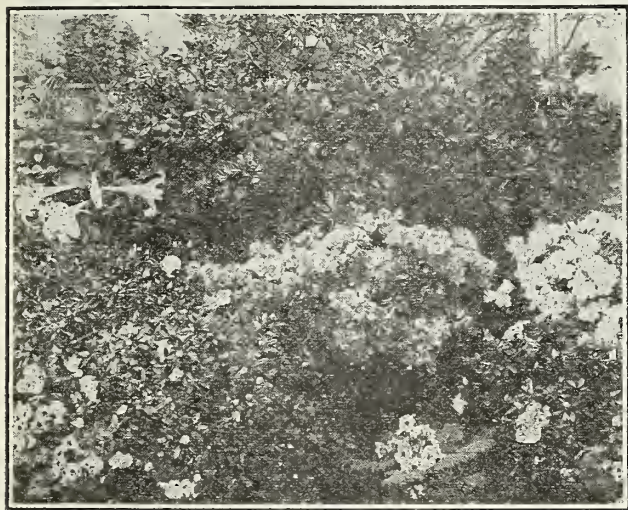
MARTIN'S HY-TEST FLOWER SEEDS

Varieties of Flower Seeds

THE SOIL best suited to flowers is a light, rich loam, made as fine and smooth as possible. If heavy, mix with sand to lighten and make it friable. Many seeds are very small and require a fine seed bed. A good plan is to cover the place where the seeds are to be sown with pine tags, coarse manure, leaves and other litter, and allow it to remain for a few weeks. The soil will then be finely pulverized and in a splendid condition to start the seeds.

SOW THE SEEDS either broadcast or in rows, and cover lightly—a good general rule is to cover two or three times the size of the seed—and press the soil firmly. Small seeds cannot come up if covered too deep. Very fine seed should be sown on the surface and pressed into the soil. To have the earliest blooms, flowers that stand transplanting should be sown early in boxes indoors. After sowing, water with a fine spray; do not let the soil dry out, but be sure not to keep the young plants saturated, as they may damp off. When three or four leaves have formed, transplant one inch apart in boxes or in the open ground if warm enough.

FLOWERS FOR SPECIAL PURPOSES.—To aid those not familiar with the uses to which flowers may be put, we have classified them below. Where a variety is suitable for two uses, we have entered it in both lists. Note carefully the heights of the plants so that a proper selection may be made.



Azaleas

FOR CUT FLOWERS.—Antirrhinum or Snapdragon, Alyssum, Aster, Calliopsis, Candytuft, Carnation, Flowering Centaureas, Chrysanthemum, Cosmos, Dahlia, Shasta Daisy, Dianthus or Pinks, Bush Escholtzia, Gaillardia, Heliotrope, Marigold, Mignonette, Nasturtium, Nemophila, Salpiglossis, Scabiosa, Stokesia, Stocks, Miniature Sunflower, Sweet William, Sweet Peas, Violet and Zinnia.

FOR BASKETS AND VASES.—Alyssum, Abronia, Centranthus, Dusty Miller Centaureas, Clarkia, Ice Plant, Kenilworth Ivy, Lobelia, Dwarf Morning Glory, Tall Nasturtium, Oxalis, Petunia, Thunbergia, Torenia and Virginian Stocks.

FOR BORDERS AND BEDDING.—6 to 12 inches high. Acroclinium, Alyssum, Brachycome, Candytuft, Dusty Miller Centaureas, Dwarf Cockscomb, Daisy, Dianthus, Forget-Me-Not, Lobelia, Mignonette, Nemophila, Oxalis, Pansy, Bedding Petunia, Dwarf Phlox, Iceland Poppy, Pyrethrum, Portulaca, Cupid Sweet Peas, Verbena, Violet, Virginian Stocks and Miniature and Tom Thumb Zinnias.

FOR TALL BEDS, GROUPS AND BACKGROUNDS.—Abutilon, Amaranthus, Calendula, Calliopsis, Canna, Canterbury Bells, Tall and Plumbed Cockscomb, Cosmos, Dahlia, Shasta Daisy, Digitalis, Ornamental Grasses, Hollyhock, Kochia or Burning Bush, Perennial Larkspur, Lychnis, African Marigold, Nicotiana, Pentstemon, Perennial Phlox, Oriental Poppy, Evening Primrose, Ricinus, Salvia, Salpiglossis, Scabiosa, Stokesia, Sunflower, Wallflower and Zinnia.

FOR EDGING AND LOW BORDERS.—Alyssum, Brachycome, Candytuft, Dusty Miller Centaureas, Daisy, Forget-Me-Not, Ice Plant, Lobelia, Portulaca, Pyrethrum and Virginian Stocks.

PLANT IN BOXES AND TRANSPLANT.—Ageratum, Alyssum, Aster, Calendula, Canterbury Bells, Calliopsis, Chrysanthemum, Cockscomb, Cosmos, Godetia, Marigold, Marvel of Peru, Petunia, Ricinus, Salvia, Sweet William and Verbena. These may also be planted where they are to grow.

FOR BORDERS AND BEDDING.—1 to 2 feet high. Ageratum, Amaranthus, Antirrhinum or Snapdragon, Aquilegia or Columbine, Asters, Balsam, Begonia Vernon, Calceola, Calendula, Calliopsis, Candytuft, Carnation, Catchfly, Clarkia, Chrysanthemum, Coleus, Centaurea, Centranthus, Dwarf Cockscomb, Shasta Daisy, Dianthus or Pinks, Escholtzia, Feverfew, Forget-Me-Not, Geranium, Gaillardia, Gilia, Godetia, Heliotrope, Dwarf Larkspur, Linum, Lychnis, Marigold, Marvel of Peru, Mignonette, Bush Morning Glory, Dwarf Nasturtium, Nigella, Pentstemon, Petunia, Phlox, Pyrethrum, Poppy, Rose Champion, Salpiglossis, Salvia, Scabiosa, Stokesia, Stocks, Sweet William, Verbena, Virginian Stocks, Vinca, Wallflower and Zinnia.

FOR MOUNDS AND ROCKERIES.—Abronia, Alyssum, Candytuft, Catchfly, Centranthus, Gilia, Ice Plant, Kenilworth Ivy, Lobelia, Mimulus, Dwarf Morning Glory, Nemophila, Oxalis, Portulaca, Thunbergia, Torenia and Verbena.

Regardless of what your occupation may be, or how meager your experience, there are flowers that anyone may grow successfully from seed. You should devote some time and space to their culture.

All Flower Seeds put up in 10c packets and sent postpaid. Special prices in bulk.

(No. 232) **ALYSSUM, SWEET.**—This is a very hardy annual, blooming early in the spring, covering itself with innumerable clusters of small, pure white flowers. Their fragrance is peculiar and very delicate. Grows about 1 foot high.

(No. 233) **ASTERS.**—Beautiful and popular annuals, desirable for beds, being in bloom when most other plants are nearly over. Very useful for cut flowers.

MIXED.—Dwarf and Tall

(No. 234) **CALLIOPSIS, OR COREOPSIS.**—Beautiful, showy, summer bedding annuals, with large, bright flowers of golden-yellow, varied with rich brown. Excellent for cutting and decoration.

(No. 235) **CANDYTUFT.**—Popular favorite, flowering profusely the whole summer. Very valuable for edgings and borders, fairly covered with masses of white and various colors. Height 1 foot.

MIXED COLORS.—A splendid mixture.

(No. 236) **CYPRESS VINE.**—A tender climbing annual, with soft, fern-like foliage and small star-like flowers. Choice mixed colors.

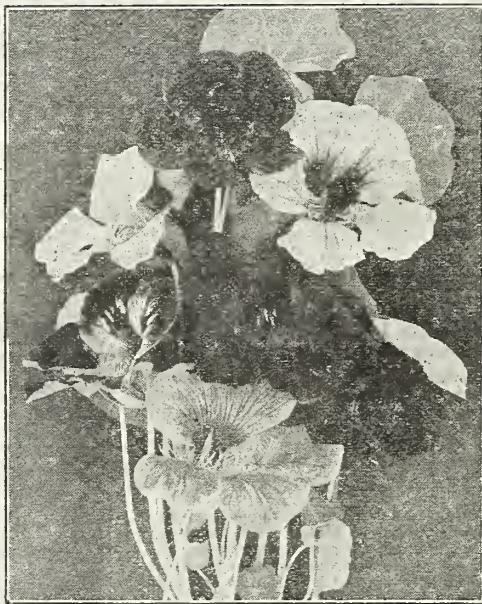
(No. 237) **FOUR O'CLOCK.**—A hardy annual of easy culture, growing about 2 feet high. The plant is free-flowering, bearing blossoms in a great variety of colors and stripes.

(No. 238) **HYACINTH, OR JACK BEAN.**—A tall, twining plant, often 10 to 20 feet high. Bears purple flowers in long, erect racemes.

(No. 239) **MIGNONETTE (SUPERB MIXTURE).**—Made up of the newest and best sorts. It includes all shades of color and varieties which produce the largest flower spikes.

(No. 240) **MOONFLOWER (EVENING GLORY).**—Grows 30 to 40 feet; covered every evening and cloudy day with large white flowers, 4 to 6 inches across.

(No. 241) **MORNING GLORY (IMPERIAL JAPANESE).**—One of the grandest climbers, the flowers measuring 4 to 6 inches across, in a limitless variety of colors and markings.



No garden is complete without Nasturtiums

(No. 242) **NASTURTIIUMS.**—In the past few years wonderful improvements have been made in these favorites. Types and colors have been added until in our mixtures we have a magnificent array of gorgeous colors. Nasturtiums do best in a loamy, well-watered situation. Tall and Dwarf Varieties.— $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

(No. 243) **PANSY.**—Pansies thrive best in a moist, shady location and in rich loamy soil. Seed should be sown in the autumn for early spring blossoms, or can be sown early in the year for good flowers later in the spring. The plants must be transplanted twice in order to get the largest flowers; once from the seed box to a chosen bed, and again to the open garden. This is important for large size pansies; use manure liberally. The blossoms are usually larger in the spring and again in the fall, and while they bloom freely all summer, the blossoms are small during the hot months. Our Mixed Flowers of all shades and markings. A splendid mixture.

(No. 244) **PETUNIA.**—The richness of color, duration of bloom and ease of culture will always make Petunias popular, especially for massing in beds.

Double.—A splendid strain, producing a large percentage of double-fringed flowers in bright colors, beautifully marked. Mixed colors.

Single.—A choice mixture; all colors.

(No. 245) **PHLOX.**—(Fine Mixed).—These favorites are dazzling in the effect they give in massing. A wide range of colors.

(No. 246) **PINKS.**—(Finest Mixed).—These charming, old-fashioned flowers are great favorites. Our mixture is the finest procurable.

E. A. MARTIN SEED COMPANY, JACKSONVILLE, FLORIDA



Sweet Peas—Pink and White

(No. 247) **POPPY**.—(Poppy Mixture).—A grand mixture of all the newest and best double and single annual Poppies, covering every color, from deep scarlet to pure white. The wonderful variety and brilliant colorings make a most effective display.

(No. 248) **PORTULACA**.—Succeeds in a sunny situation, and produces flowers of almost every color in the greatest profusion. The double is especially beautiful. Sow when weather becomes settled and warm. Height, 6 inches.

Single.—Large-flowering, mixed colors.

Double.—Extra-double, all colors mixed.

(No. 249) **SUNFLOWER**.—(Double).—Double yellow varieties, 3 to 5 feet high. Exceedingly beautiful.

(No. 250) **SALVIA**.—Brilliant flowers are borne in profusion from early summer till frost. Excellent for cutting. Seed sown early in the house produce better plants than from cuttings. Height, 3 feet.

(No. 251) **SWEET PEAS**.—Culture.—Some time before planting dig out a trench a foot deep, put in several inches of well-rotted manure and cover with six inches of earth. Early in February open the row three to four inches deep, drop the seeds (about four seeds) every three inches, cover about two inches, and two or three times during the season bank the soil against the roots. The white-seeded kinds are tenderer than the black-seeded, and should not be planted too early. They may also be planted in October, November and December, planting four to six inches deep; give slight protection and they will become well rooted and grow off at the first opening of spring and produce an abundance of bloom earlier and for a longer season than spring plantings.

Don't gather the blooms grudgingly—the more you cut them the better and longer they bloom.

(No. 252) **ECKFORD'S MIXED SWEET PEAS**.—An unsurpassed mixture, combining every shade and type. It is made up of named sorts only, all choice large-flowering sorts, the colors being distributed as evenly as possible throughout. For diversity of color, size of flowers and beautiful forms, this mixture is unequalled. $\frac{1}{4}$ lb., 35c; 1 lb., \$1.00.

(No. 253) **THUNBERGIA**.—A rapid climber, growing 4 to 6 feet high. Splendid for trellises, fences, etc., bearing beautiful flowers—white, yellow and buff, with black eye.

(No. 254) **VERBENA**.—Annual for beds, borders, massing, window-gardens, covering mounds, etc. Flowers of most brilliant colors, blooming from early summer till late fall. Soak a few hours and sow in boxes indoors, transplanting when an inch high.

(No. 255) **ZINNIA** (Youth and Old Age).—Few flowers are so easily grown from seed or bloom so abundantly and continuously. Fine for beds and borders; in fact in any location.

(No. 256) **FLOWER SEEDS** (Bulk).—We carry the following Flower Seeds in bulk which are selected for being the highest quality and we know will give just the results desired:

Sweet Peas—Eckford's Mixed. Mixed Colors. Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.25; 5 lbs., \$5.50

Sweet Peas—Black Knight, Deep Maroon. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00

Sweet Peas—Blanche Burpee, Pure White. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00

Sweet Peas—Lord Nelson, Deep Navy Blue. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00

Sweet Peas—Queen of Spain, Buff Pink. Oz., 15c; $\frac{1}{4}$ lb., 50c; lb., \$1.50; 5 lbs., \$6.00



Pansies

Verbenas—Mammoth Finest Mixed.

$\frac{1}{4}$ oz., 50c; oz., \$1.50.

Salvia, or Scarlet Sage. $\frac{1}{4}$ oz., 50c.

Zinnias—Giant Double, Finest Mixed, all colors.

Oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$10.00.

Zinnias—Giant Double, Golden Yellow.

Oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$10.00

Zinnias—Giant Double Crimson.

Oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$10.00.

Zinnias—Giant Double Scarlet.

Oz., \$1.00; $\frac{1}{4}$ lb., \$3.00; lb., \$10.00.

Nasturtiums—Mixed Colors, Tall.

Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Nasturtiums—Mixed Colors, Dwarf.

Oz., 10c; $\frac{1}{4}$ lb., 35c; lb., \$1.00.

Pansy—Mixed Colors, all Shades and Markings.

Oz., 75c; $\frac{1}{4}$ lb., \$3.00; lb., \$10.00.

DAHLIAS IN THE SOUTH

Write for quantity price.

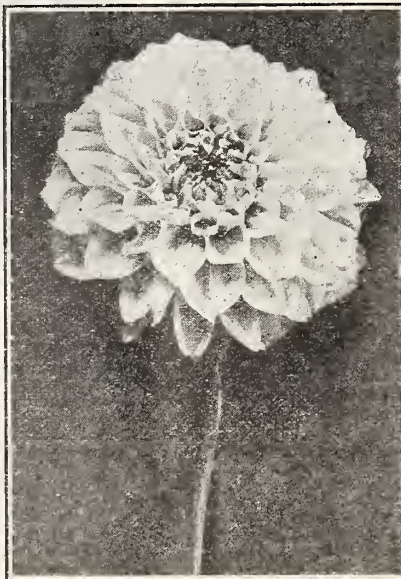
The same cultural directions apply to Dahlias in all parts of the world. But in the South where there is no frost to kill the foliage, the plants continue to put forth blossoms until the flowers become very small and insignificant, and if left sufficiently long, will become what we term "bloomed-out." This can be overcome by giving your roots a rest.

After your Dahlias have blossomed continually for from twelve to fifteen weeks, and the blossoms commence to grow small, dig the clumps according to our harvesting directions. Cut off the stalk and pack the clumps away where they will not dry up. Allow them two or three months rest, then separate the clumps and re-plant in the same manner as you did at first. You will receive good large flowers of the same quality and perfection as when you first planted. Continue in this manner indefinitely, and you will always receive first-class results.

HARVESTING.—Dahlias should be harvested within two or three days after their foliage has been killed by frost, when the roots will be in dormant condition. In digging use care to avoid breaking the "neck" of the root, which joins the stalk. Gently remove the soil from the clumps and cut the stalk three inches above the roots. Pack in a cool frost-proof place where extremes of temperature may be avoided. Pack clumps upside down, tiered one upon another, so that the acid substance in the stalk may drain out. Do not cover the roots, or pack them in sawdust, shavings, dust, etc., which excludes the air and holds moisture.

(No. 257) **ELLA KRAMER**.—Rose-pink with much brighter center; fine form. 25c each.

(No. 258) **MRS. DE LUCA**.—Golden yellow, tipped with orange. A most effective blending of colors, seen only in the very rare types. 25c each.



Dahlia

(No. 259) **QUEEN EMMA**.—A delightful sort that appears almost artificial. It is a charming shade of Hollyhock pink, the inner petals banded with gold. The flowers are sensational, possessing grace, simplicity and beauty, which makes this variety exceedingly fashionable. 25c each.

(No. 260) **QUEEN WILHELMINA**.—(Giant Holland Peony-flowered Dahlia).—Largest and finest of the pure white sorts; excellent for decorative work and unsurpassed as a cut flower. Blossoms produced upon long, graceful stems, well above the foliage. An immense, fluffy flower of pure glistening white, showing its beautiful golden yellow center very prominently, which lends an additional charm to this most beautiful flower. 25c each.

(No. 261) **A. D. LIVONI**.—Beautiful soft pink. Well formed flowers with long stems. Perfectly round, ball-shaped flowers, each petal being very tightly quilled and arranged in exact regularity. Free flowering. 25c each.

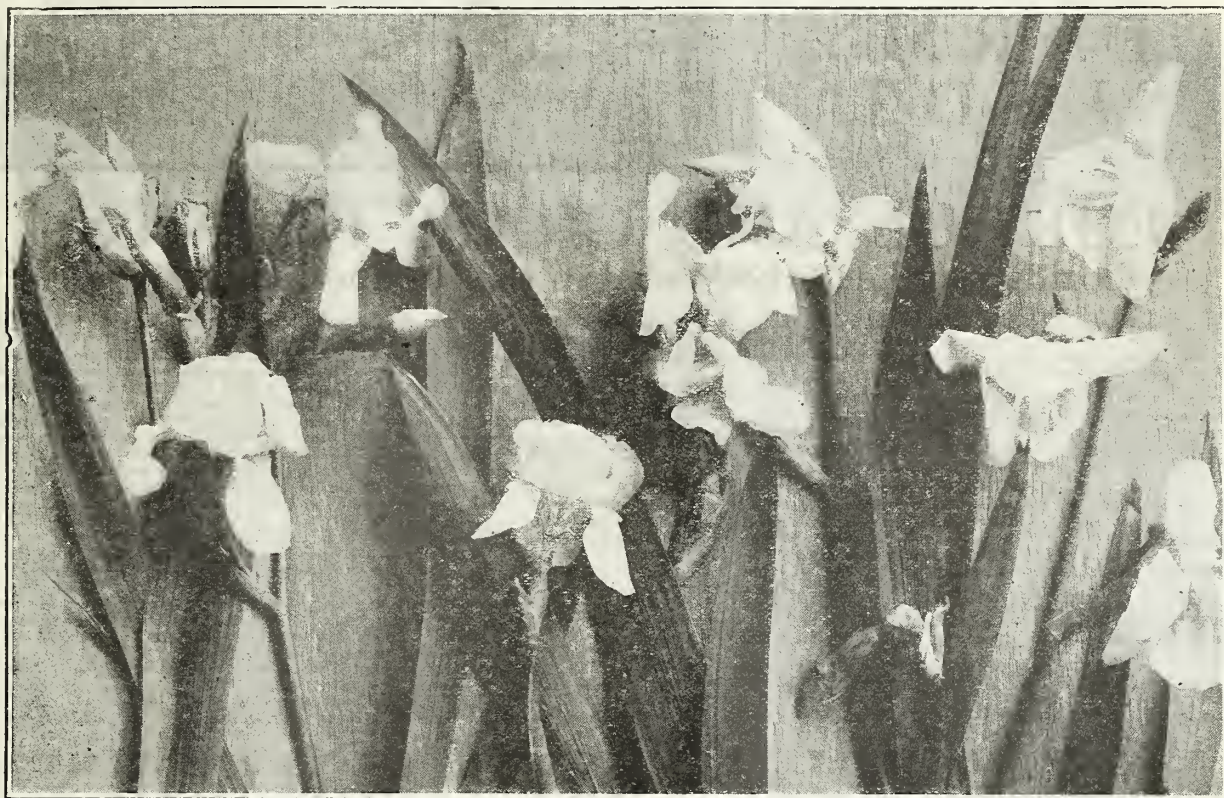
(No. 262) **MERLIN**.—A beautiful orange-scarlet. One of the very finest Dahlias ever offered. Free flowering and good for cut-flower purposes. 25c each.

(No. 263) **JEANNE CHARMET**.—The flowers measure from 7 to 10 inches in diameter and are borne on stiff, wiry stems frequently 18 to 24 inches long. The color is a most exquisite shade of lilac-pink, daintily shading to pure white towards the center, with a tinge of light yellow at the margins. 25c each.

(No. 264) **MINOS**.—Flowers are large and exceedingly beautiful, borne on long, graceful, wiry stems. The color is intense velvety maroon, almost black. An ideal cut-flower variety. Fine for all uses. 25c each.

(No. 265) **SOUVENIR DE GUSTAVA DOAZON**.—This variety is a good comparison to the "Sunflower." It is the largest Dahlia in existence. The color is a pleasing shade of orange red. Flowers are full to the center and often measure 9 inches and over in diameter; they can be forced to measure over 12 inches. The plant is a very tall, vigorous grower with heavy, dark, glossy green foliage and a remarkable constitution. Very long stems of pleasing, stiff, upright type. Should be in every garden. 25c each.

MARTIN'S BULBS FOR SPRING PLANTING



GLADIOLUS

Gladiolus are without an equal either for bedding or borders. As a cut flower they are far superior to any other summer bloomer, either for lasting qualities or for the various uses for which they can be employed.

THE WAY TO PLANT.—Dig the row or bed from 8 to 10 inches deep, then spread a liberal amount of good fertilizer in the bottom of the row or bed, then rake it in thoroughly before planting your bulbs; but if stable dressing is used it should be spaded in when the bed is first dug over.

Iris, or Fleur de Lis

The bulbs should be planted 4 to 6 inches deep. Just as soon as they show their heads through the ground, they should be cultivated. If this is continued once a week till they commence to flower, one will be sure of first-class results.

(No. 266) **AMERICA** (Banning).—Universally acknowledged "King of Gladioli." Gigantic flowers of clear lavender-pink. 10c each; 90c per doz., \$6.50 per 100.

(No. 267) **AUGUSTA** (Hallock).—Lovely pure white with blue anthers. 10c each; 90c per doz.; \$6.50 per 100.

(No. 268) **BARON J. HULOT** (Lemoine).—The finest blue to date. A rich, deep color of indigo blue. 10c each; \$1.00 per doz., \$7.00 per 100.

(No. 269) **HALLEY** (De Ruyter).—Delightful salmon-rose with beautiful creamy blotch. Very large. 10c each; \$1.00 per doz., \$7.00 per 100.

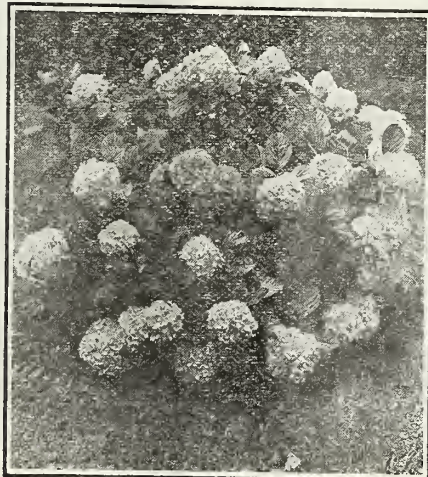
(No. 270) **MRS. FRANCIS KING** (Coblentz). A pleasing shade of light scarlet. Flowers are large and well arranged on a strong spike, there being four to six open at one time. One of the best in existence. 10c each; 90c per doz., \$6.50 per 100.

(No. 271) **IRIS, or FLEUR DE LIS.**—The Iris succeeds in partial shade, but gives the most satisfactory results in a dry, sunny location. They are perfectly hardy and require only ordinary cultivation; growing luxuriantly. They should be planted early in the spring, or in the fall. Plant the bud or crown about two inches below the surface. Prices: 35c each; \$3.00 per dozen.

(No. 272) **CALADIUM ESCULENTUM.**—The Caladium Esculentum, or Elephant's Ear, as it is often called, is one of the most popular and easily grown ornamental plants for the flower garden or lawn. Because of its immense leaves and the height it attains, it is very effective on large grounds, parks, etc. Delights in rich soil and plenty of moisture. Prices: Select bulbs, each, 15c; large bulbs, each, 25c; extra large bulbs, each, 35c.



White and Pink Gladiolus



Hardy Hydrangeas



Dahlia

FARM SEEDS



FORAGE AND GRASS PLANTS

Florida Can Lead the World in the Production of Hay

While all know that Florida, of all states in the Union, has shown the most remarkable growth of fruits, vegetables and tobacco culture, it is not so well known that she is far ahead of other states in her great wealth of forage and grass plants.

Time was when it was not thought possible to grow grass in the state. That seems a great while ago. Certain it is that Florida is the richest grass and forage state in the Union. So many of these grasses and forage plants are, too, perennials—once planted, always planted, and so many are legumes and soil-enriching.

Here is a partial list: The velvet bean (legume) has its best habitat in Florida; Speckle Velvets, Whites, Lyons, Early Yokohama and New Chinese. And since the Yokohama ripen in September and mature as far north as North Carolina, Florida should build up a good industry in growing these beans for the latitudes farther north where other velvet beans will not do well. The Speckle Velvet, as is well known, produces more vine and stores more nitrogen in the soil than any other known plant. For winter grazing and for humus making and land upbuilding it has no equal. The White Chinese, a month earlier, and more prolific in beans and equally prolific in vines, may supplant in time the Speckle.

Equally important and valuable in Florida is beggar weed, a legume. Coming up in June in all cultivated fields, reseeding itself each year and practically a perennial, good for hay, or pasture, or green manuring, growing eight feet high and making more than 40,000 pounds of green

stuff per acre, and rich in feeding nutrients, Florida could not and does not want any better crop than beggar weed.

In cowpeas the wilt-resisting varieties, the Iron and the early two-crop Brabhams, do well and serve best. In Florida the peanut (legume), which is as much of a forage as a nut plant, is just as much at home as in North Carolina or Virginia. Johnson grass does well in Florida.

A wonderful product whose best habitat is Florida, too, is Japanese sugar cane, a perennial with ten or fifteen stools or suckers from each joint of the stalk as planted, making ten or twelve tons of cane per acre good for forage or making fifteen gallons of finest syrup per ton.

The African hog goober is also adapted to the state, as also are chufas, Teosinte, fifteen feet high, stooling thirty to fifty stools per seed, twenty tons or more green stuff per acre, making 225 pounds of green stuff from one seed. Florida is the home of this wonderful plant.

Bermuda, the perennial, does well, too, in the state, as do also the remarkable perennial and green-all-the-year grasses, St. Augustine, St. Lucie and Carpet grass.

The live-stock industry has grown so rapidly during the last few years that Florida is now regarded as one of the most important live-stock states in the South. Florida live-stock men are importing some of the finest blooded cattle and hogs the country affords.

The largest sale of registered cattle ever made in the great southwest was made at a Florida live-stock man.

To keep this live stock up to standard they must be properly cared for. This can best be done by planting fall grasses, etc., for winter grazing.

MARTIN'S HY-TEST FIELD CORN

Eight Quarts to plant an acre.

The varieties of Field Corn listed below are especially selected for the soil and the climate of Florida. This fact is not taken into consideration so much as it should be. Often seed is ordered from a dealer whose stock is raised perhaps hundreds of miles away, and in surroundings of soil and climate that are not conducive to producing seed of the best quality for our section of the country. In buying from us, you have the satisfaction of knowing that you are procuring seed raised for the express purpose of being planted in Florida soil, and thus you obviate the risk of securing unacclimated seed.

(No. 273) MARTIN'S IMPROVED 7-EAR CORN.—A very prolific variety, fully adapted to the Southern States, largely grown in Florida and considered one of our most productive varieties. Small ear and cob, long grains, white flint corn. Turns out remarkably well when shelled; ears fill to the end. A most excellent keeper. The cob is small. One grower writes as follows:

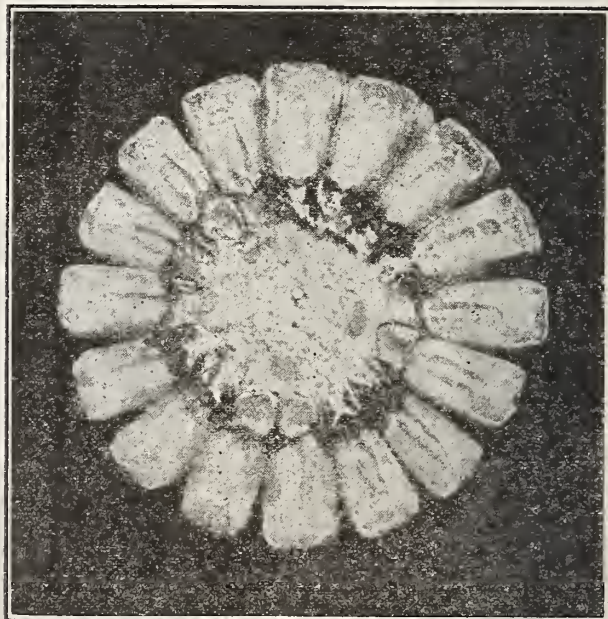
"For twenty years I have been planting this highly prolific corn and I believe it to be the best corn that I have ever seen. I made one year thirty-three and one-third barrels to the acre, have made twenty-five barrels to the acre several years, have often made twenty and never less than fifteen."

The ears, while of good size and attractive appearance, are not suitable to win in an exhibition of ear corn, but we recommend the corn to plant for a heavy-yielding variety in competition for prize winning yields per acre. 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$1.25; 56 lbs., \$4.00; 112 lbs., \$7.75.

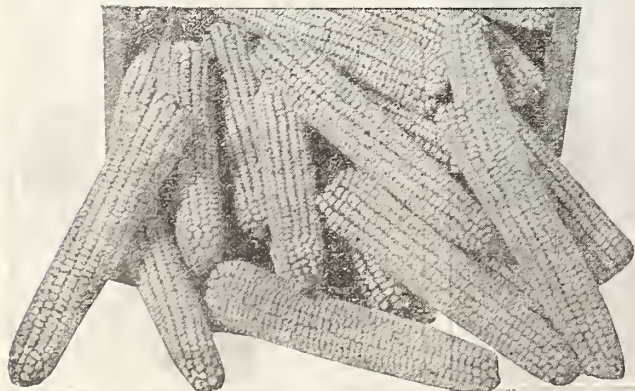
(No. 274) HICKORY KING.—A very popular and productive white corn especially for high land, and it is in great favor with those who have planted it. It produces on good soil three or four average-sized ears to

the stalk. Grain large, broad, and white, making fine meal. The cob is small. 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$1.25; 56 lbs., \$4.00; 112 lbs., \$7.75.

(No. 275) BLOUNT'S PROLIFIC.—Produces from three to six ears. It is a large-yielding white variety of flinty nature, making excellent meal. Reports of this Corn for Texas and Alabama Experiment Stations rank this as one of the largest yielding of field varieties for the South. For late planting this Corn has no superior. It is of quick growth, matures up well, and yields splendidly. Blount's Prolific also makes a first-class ensilage Corn. 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$1.25; 56 lbs., \$4.25; 112 lbs., \$8.75.

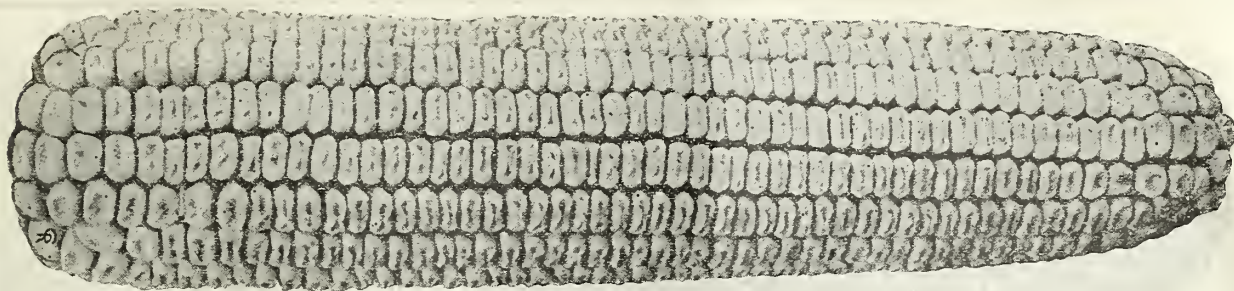


Martin's Seven-Ear Corn



Martin's Duval Flint Seed Corn

MARTIN'S SEED CORN IS BRED-UP FOR PRODUCTIVENESS



Martin's Improved Golden Dent

(No. 276) **IMPROVED GOLDEN DENT.**—It is one of the best and most reliable cropping yellow corns in cultivation. It makes a large-sized ear, small cob; deep grains, which are of a bright, attractive, golden yellow color. It is singularly robust, and withstands injury by adverse weather or other unfavorable conditions better than any other sort we know of, the ears and grain maturing remarkably well, and always being marketed in bright, sound condition. Produces two to three ears to the stalk, and for a first-class, large-yielding yellow corn particularly adapted to the South, it is strongly recommended. 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$1.25; 56 lbs., \$4.00; 112 lbs., \$8.75.

MARTIN'S NEW FIELD CORN

Duval Flint Seed Corn

A Sure Cropper and Money Maker. The Corn for Florida.
The Corn for the South.

(No. 277) **DUVAL FLINT SEED CORN.**—Flinty, prolific, white. Introduced by the E. A. Martin Seed Company to the Florida planters, season 1917, and has more than made good everything expected. The ears are of good average size, the grain being of a white, flinty nature. 1 lb., 30c; 2 lbs., 50c; 14 lbs., \$1.25; 56 lbs., \$4.50; 112 lbs., \$8.75.

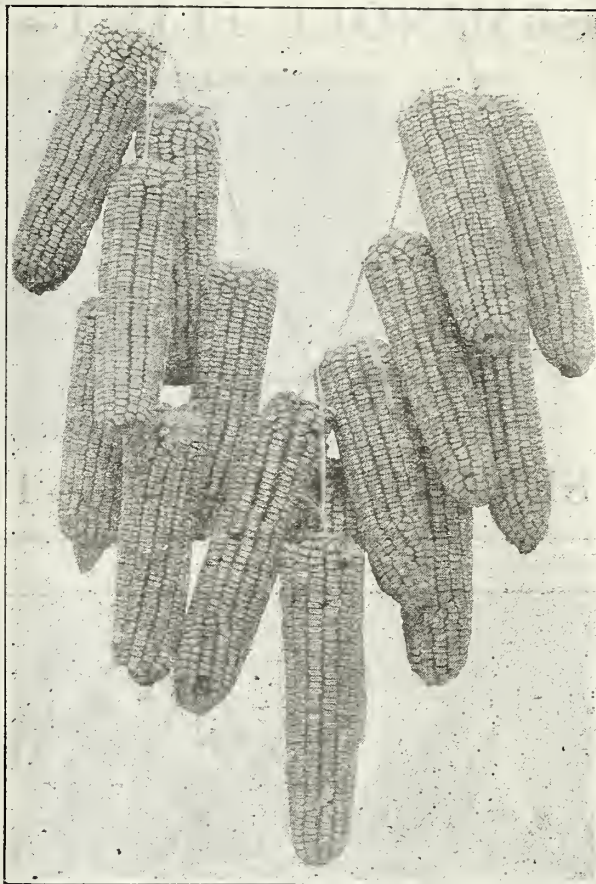
(No. 278) **WHITE DENT.**—One of the best all-round white sorts for rich land, producing largest crops of finest quality corn. The ears average about 10 inches in length, of uniform size and great depth of grain; 18 to 34 rows on cobs, well filled. The grains are pure white, solid, very deep, producing the finest milling white corn. The yield of this superior corn is very large, sometimes as much as 90 bushels per acre. We unhesitatingly recommend it. 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$1.00; 56 lbs., \$3.75; 112 lbs., \$7.25.

(No. 279) **TENNESSEE RED COB.**—One of the best all-round white sorts for rich land, producing largest crops of finest quality corn. The ears average about 10 inches in length, of uniform size and great depth of grain; rows eighteen to thirty-four, on red cobs, well filled. The grains are pure white, solid, very deep, producing the finest milling white corn. Yields sometimes as much as ninety bushels per acre. We recommend it both for grain or ensilage. 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$1.25; 56 lbs., \$4.00; 112 lbs., \$7.75.

(No. 280) **COLUMBIAN BEAUTY.**—This is a highly-bred white corn of extra large size. It has proved to be a very superior cropping corn, producing one or two ears to the stalk, and is a good producer. It has a large, broad, deep white grain, and is of a most attractive appearance; large ear, medium red cob. The size and depth of kernel insures a large percentage of shelled corn. One important point in its favor is that it is a rapid-growing corn from the start, and gets ahead of grass and weeds better than other varieties. It is medium early to mature, cures up well, and our tests show it to be one of the largest yielding and most satisfactory cropping of upland corns. 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$1.25; 56 lbs., \$4.00; 112 lbs., \$7.75.

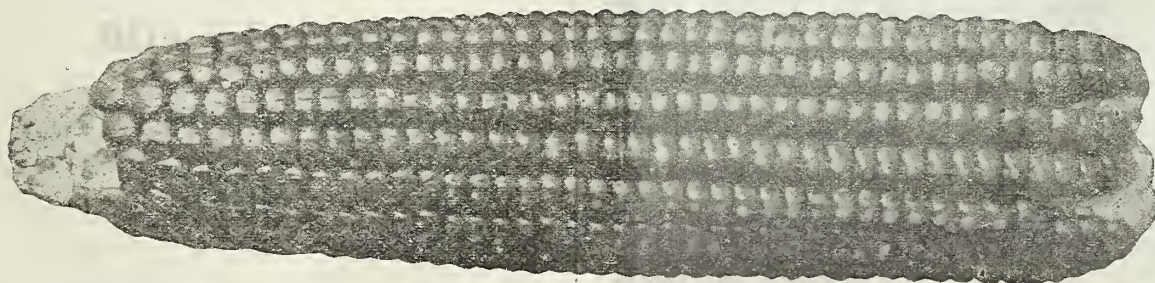
(No. 281) **SHENANDOAH WHITE DENT.**—It has proved to be one of the earliest maturing and largest yielding of white corns, maturing ten to fifteen days ahead of other similar varieties, and at the same time making a large and most satisfactory yield. It makes a growth under ordinary circumstances averaging about nine feet in height and is a very uniform-growing, highly bred, large-yielding white corn. 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$1.25; 56 lbs., \$4.00; 112 lbs., \$7.75.

(No. 282) **MEXICAN JUNE.**—A hardy, drouth-resisting, white corn. Ears 7 to 10 inches, having 14 to 18 rows evenly lined on white cob;

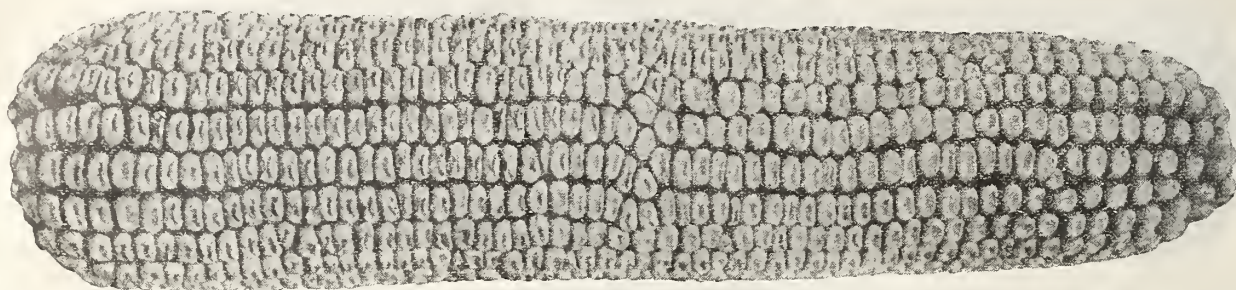


Seminole Flint Corn

grain of good size. The great value of this corn lies in its ability to make under conditions entirely too dry for other sorts. It will recover from the most severe dry, hot spells, and never fails to make a crop by frost. The stalks grow often to 15 feet, producing two or three good ears, and on account of its making an enormous amount of stalk and fodder, it is peculiarly adapted for ensilage. 1 lb., 25c; 2 lbs., 45c; 14 lbs., \$1.25; 56 lbs., \$4.00.



Cuban Flint Corn



SEMINOLE FLINT—The Seed Corn for Florida

(No. 283) **SEMINOLE FLINT**.—White, prolific, flinty. Shuck covers ear entirely. Its early maturity adapts it particularly well for late planting. Unlike many common corns that are of a soft and spongy nature, Seminole Flint is hard and flinty.

It is a large yielder and as near weevil-proof as any variety yet introduced. We have planted this variety in Florida; it gave excellent results.

The corn crop in Florida and the South is one of our most important crops, and we have devoted considerable attention to this item, and have had in mind for years the special qualifications that the **FLORIDA PLANTERS** wanted in a seed corn and we believe that with this introduction we are offering a variety that comes nearer meeting the desired qualifications of a seed corn for Florida that will be readily recognized. We don't hesitate to recommend it to our friends and customers, and suggest that you place your orders immediately. We have tried Seminole Flint on our farm and placed a limited quantity with some of the biggest growers last season, and we are glad to say the report was satisfactory from every grower.

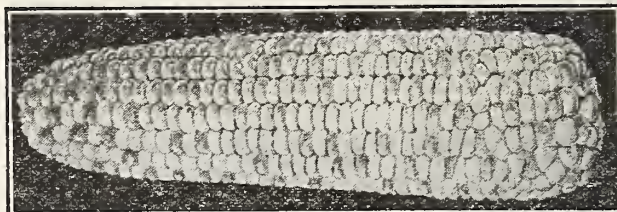
We trust to be able to fill all orders, as we are interested in knowing that every Florida and Georgia planter plants at least part of his acreage in **SEMINOLE FLINT**.

Prices: Lb., 30c; 2 lbs., 50c; 14 lbs., \$1.50; 56 lbs., \$4.75; 112 lbs., \$9.50.

SEMINOLE FLINT—The Seed Corn for the South



Field of Seminole Flint Seed Corn



Mexican June Corn

STOCK VERY LIMITED
GET YOUR ORDER
IN EARLY FOR
SEMINOLE FLINT
CORN

MARTIN'S COWPEAS

The market is very unsettled at the time this Catalog is published.
WRITE FOR QUOTATIONS, STATING QUANTITY WANTED.

UTILIZING THE CROP AS A FERTILIZER

Among the many methods for using the Cowpea crop for benefiting the soil are:

1. Ploughing under the entire crop while green.
2. Allowing the crop to remain and decay on the surface of the ground during the winter and ploughing it under in the spring.
3. Grazing the field and then ploughing under the stubble, roots and droppings of the cattle.
4. Mowing the field for hay and then ploughing under the stubble and roots.

While it is true that ploughing under the entire green crop will add the greatest amount of plant food to the soil, nevertheless it is not always

economy to follow that method. The forage is worth as much for food as an equal weight of Red Clover, and since about 80 per cent of the fertilizing value is retained in the manure, it often pays better to feed the pasture or hay and return the resulting manure to the land. On good soils the roots and stubble from the peas furnish sufficient nitrogen. On a very light soil it is not desirable to turn under a heavy mass of green forage, thus to make it still lighter and looser and liable to suffer from hot, dry weather. But it is better to wait until the vines have had time to become thoroughly decayed. Again, a late maturing crop on land not protected by a growing crop or sod during the winter is often nearly wasted and its fertilizing elements washed away by heavy rains leaching through the unfrozen grounds.

**Our
Cow-
pea
Seed
Is the
Very
Best
Obtain-
able**



Field of Brabham Cowpeas

**To
Enrich
Your
Soil
Plant
Cow-
peas**

On other lands and under other conditions, ploughing under the entire green crop is often the most profitable and best disposition to which it can be put—where humus is lacking and needed, especially on stiff clays.

The values of any material as a soil renovator depends largely on the nitrogen, potash and phosphoric acid it contains. The following table from the Year Book of the United States Department of Agriculture gives the average percentages of nitrogen, potash and phosphoric acid in common influenced by the water contents of the material; the table also shows the percentage of moisture:

	Water Per Cent.	Nitrogen Per Cent.	Potash Per Cent.	Phos. Acid Per Cent.
Hay or Forage.				
Cowpeas	10.95	1.95	1.47	.52
Red Clover	11.33	2.07	2.20	.38
Alfalfa	6.55	2.19	1.68	.51
Timothy	7.52	1.26	.90	.53
Wheat Straw	12.56	.59	.51	.12

The renovation of soils through the use of Cowpeas depends largely on the use to which they are put. The stubble and roots contain considerable fertilizer, and the nitrogen is mostly gain. Among legumes, the Cowpea stands first and pre-eminent as a crop producer of fertilizer nitrogen. It may be grown between crops of wheat and thus furnishing nitrogen for many successive crops.

The soil improvement is well illustrated by an examination of the foregoing table. A ton of Timothy hay contains 25 pounds of nitrogen, 18 pounds of potash and 10 pounds of phosphoric acid. All this must be supplied by the soil. A ton of Cowpea hay contains 40 pounds of nitrogen, 30 pounds of potash and 10 pounds of phosphoric acid, of which only the latter two need be supplied by the soil. Suppose both are returned to the soil in the shape of farmyard manure; estimating roughly, in the case of timothy, the soil received back what it gave to the timothy, but in that of the Cowpea it receives not only what it gave but 40 pounds of nitrogen in addition thereto.

SAVING FOR HAY

Cowpea hay is best if cut and properly cured when the earliest pods begin to ripen. This hay cures slowly and is subject to heating—similar to Red Clover—for which reason it needs to be thoroughly dry before it is stacked or mowed in a barn. Unnecessary handling causes loss of leaves and should be avoided. The haymaking should begin only when the weather promises to be fair. Curing cannot be "rushed" like that of grasses, hence it is better to allow the crop to become a trifle over-ripe rather than attempt to save it in rainy weather. The dry yield is usually from two to three tons per acre, and no hay crop of that size can be cut, dried and stored without great labor.

The Cowpea can be grown in all parts of the country where Dent Corn succeeds.

Thorough preparation of the soil before planting is profitable for Cowpeas as for any other crop; the greater the care in this respect, the greater the satisfaction and profit in the yield.

Cowpeas may be planted whenever the ground is warm enough for planting beans and melons.

Drill planting requires less seed and more cultivation, and the yield is usually heavier than when sown broadcast.

When saved for hay the crop should be handled like Red Clover, but must not be baled until some weeks after it is gathered, or before it is thoroughly dry. Its yield is usually from two to three tons of dry hay per acre.

The Cowpea is one of the best plants for temporary pasture, and by a proper selection of varieties gives good grazing from early summer until late fall. As a grazing crop it is especially valuable for producing milk, growing young stock (especially pigs), and fattening all kinds of domestic fowls and animals.

The Cowpea is one of the most effective fertilizing plants. It draws nitrogen from the air, and, in this way, obtains and stores this otherwise most expensive element of fertility free of cost.

A heavy growth of vines usually pays better grazed or made into hay; a light crop on stiff soil is more profitable ploughed under green and a light crop on very sandy soil, or on soil liable to wash during winter, is best to leave to decay on the surface of the ground.

Hay made from Cowpeas is very rich in protein, and if mixed with that of any of the true grasses the feeding value of the mixture is far greater than either fed alone.

Cowpea hay is an excellent substitute for wheat bran, is comparatively cheaper, and therefore of special value to dairymen.

When grown together there is very little trouble in handling Cowpeas and Corn for the silo, and the combined silage is of much better quality than that made from corn alone.

The Cowpea can be used to great advantage as a green manure crop at any time during the summer and in almost every crop rotation.

The Cowpea can be grown successfully over a wider extent of territory and on a greater variety of soils than any other legume, and there are few farms on which it cannot find a profitable place.

COWPEAS WILL DO MORE FOR YOUR LAND THAN ALL THE FERTILIZERS THAT HAVE EVER BEEN PUT ON IT.

GIVE IT A CHANCE TO ENRICH YOUR FARM.

Sow at the rate of 1½ to 2 bushels per acre, broadcast.

MARKET PRICES

When this catalog goes to the printer, it is impossible to make prices that are exact for the spring season on Cowpeas, Velvet Beans, Millet, Sorghum, Kafir Corn, Beggarweed, etc. Write for prices when ready to buy.

**THERE IS NO GUESSWORK ABOUT PLANTING
HY-TEST SEEDS**

COWPEAS—Continued

MONEY SAVED IS MONEY MADE

Plant more Peas, Velvet Beans, Millet, Sorghum, Corn and other feed crops. The whole South and especially Florida should raise more grain and forage.

(No. 284) **WHIPPOORWILL**.—A favorite early bunch-growing variety; has brown-speckled seed which are more easily gathered than from the vine-growing sorts. This variety is a prime favorite on account of its early maturity and habit of growth. 1 lb., 25c; 2 lbs., 45c, postpaid.

(No. 285) **BLACK**.—This variety, while a little later than Whippoorwill, produces more growth of forage and is consequently better for cutting and as a soil-improver. It makes large yield of peas. We consider Black Cowpeas the best sort for general soiling or hay purposes which can be used in this latitude. 1 lb., 25c; 2 lbs., 45c, postpaid. Write for quantity prices.

(No. 286) **CLAY**.—A favorite variety; grows similar to Black, but produces a little more vine. The color is a little darker than the Wonderful, or Unknown, being light brown. 1 lb., 25c; 2 lbs., 45c, postpaid. Write for quantity prices.

(No. 287) **WONDERFUL, OR UNKNOWN**.—This makes an enormous growth of vine, but requires the full growing season to make a crop. In yield and growth the vine surpasses many of the varieties of Cowpeas, and it yields very largely of peas. This variety should be planted early in order to come to full maturity. 1 lb., 25c; 2 lbs., 45c. Write for quantity prices.

(No. 288) **RED RIPPER**.—A very productive, vigorous-growing sort, and is much earlier than either the Clay or the Unknown. 1 lb., 25c; 2 lbs., 45c, postpaid. Write for quantity prices.

(No. 289) **IRON**.—A variety of Cowpeas which is remarkable for its vigorous growth and disease-resistant qualities, and is especially adapted for hay or forage, as it retains its leaves and foliage better and longer than other kinds. On account of its disease-resistant qualities, it is especially valuable in some sections of the South, as it is entirely resistant to the attacks of the wilt-fungus, root-knot worm or nematode, and will produce a good crop on pea-sick land where other varieties will fail to make a crop. Even if this Pea did not have the above remarkable qualities to recommend it, it would be a most valuable variety and one that is destined to come into general use. It is medium early, very prolific bearer of Peas, and is also particularly valuable for hay and forage. The seed of this variety is also smaller than the average Cowpea, consequently it does not require so many seeds to an acre as other varieties. 1 lb., 25c; 2 lbs., 45c.

(No. 290) **BRABHAM PEA**.—New. Best known as Speckled Rio. A sixty-day, two-crop Pea. A hybrid of Iron, has the earliness of Whippoorwill, and the wilt-resistance and the other resistant qualities of the Iron. A small, hard, speckled Pea, about the size of Iron and New Era. Will make two crops. Agricultural tests (Washington) yield from Brabham 20 per cent more hay than Iron, and 27.1 bushels of seed, as against 15.6 of Iron. A Florida grower says: "Brabham Peas made the finest lot of vines I ever saw." As the New Era in the middle portion of the United States has taken the place wholly of the Whippoorwill, so the Brabham, on account of its wilt-proof qualities, will supplant in turn the New Era. This is the most valuable Pea today in America. On account of its size, one bushel will go as far as one bushel and a half of the larger Peas. Vigorous, prolific seed, hard, and retains vitality. Holds leaves better than others. Can be planted with fall grain, will lie in the ground all winter, and will germinate next spring. A Florida grower says: "My twenty acres of Brabham made an astonishing amount of vines which were cut for hay, and from the stems a second growth came which made a full large crop of Peas." 1 lb., 25c; 2 lbs., 45c, postpaid. Write for quantity prices.

TABLE OR EATING PEAS.

The following are Peas used most for table use:

(No. 291) **LARGE BLACK EYE AND LARGE YELLOW EYE**.—Both of these make a profitable crop; are grown purposely for dry Peas for winter, or green Peas for the summer. 1 lb., 25c; 2 lbs., 45c, postpaid. Write for quantity prices.

(No. 292) **LITTLE LADY PEAS** are small Peas and exceedingly prolific for table use. 1 lb., 25c; 2 lbs., 45c, postpaid. Write for quantity prices.

(No. 293) **CROWDER**.—The most popular sort for table use. 1 lb., 35c; 2 lbs., 60c, postpaid. Write for quantity prices.

CANADA FIELD PEAS

Price on Application.

(No. 294) **CANADA FIELD PEAS**.—This is in no sense a cowpea, but resembles an ordinary garden or English Pea in looks of seed and growth. It is extremely hardy, a great soil-enricher and makes the most delicious hay. Should be sown two bushels to the acre; it is better, though, to sow with oats or other winter grain to hold the vines up, using one bushel of Peas and one-half the regular quantity of grain. Both are cut at the same time. 1 lb., 25c; 5 lbs., \$1.00, postpaid. Not postpaid, 10 lbs. or more, 10c pound.



A Thrifty Field of Irish Potatoes

MARTIN'S HY-TEST OATS



Fulghum Oats

(No. 297) **THE FAMOUS 100-BUSHEL.**—The claim for this Oat is that it is an improved type of Southern Oat, rust-proof, has heavy grains, large straw, and is extremely productive. While the claim for it is extra productivity, we certainly cannot, nor can anyone else, guarantee 100 bushels to the acre, but it should come as near or nearer to it than many other Oats on the market. Peck, 50c; bu., \$1.25; 5 bu., \$5.75.

(No. 298) **BURT.**—The Burt Oat is an extremely early variety, producing an abundance of straw of good length. It is the best poor-land oat known, also the safest and earliest to plant in the spring. The grain is small, light, slim and, under favorable weather conditions, is of a very light straw-color. A good percentage of the grains have beard, and are frequently borne in clusters of two. The genuine Burt Oat is a sure header, coming to maturity ten days to two weeks before Rust-proof. Two bushels of Burt Oats should be used in seeding an acre and, where they are to be made into hay, three bushels will be found profitable. We sell great quantities of these Oats for fall planting and, when properly put in, they go through the winter all right and come in extremely early in the following spring. The standard weight of Oats is 32 pounds to a bushel. Price on application. Peck, 50c; bu., \$1.25; 5 bu., \$6.00.

Boynton, Fla., February 15, 1917.

E. A. Martin Seed Co., Jacksonville, Fla.

Gentlemen—Wish to state I received shipment of seed potatoes from you and am very well pleased with them, and should I be on the market for seeds in the future, will feel safe in placing order with you.

Very truly yours,

Prices subject to change without notice. Write for prices in large quantities. From 2 to 3 bushels to plant an acre.

(No. 295) **FULGHUM OATS.**—This new Oat has won a great reputation in the last two years and we cannot recommend it too highly to our customers. The grains and stalks are as large as the Appler and are double the size of the Texas grains. It is about three weeks earlier than the Appler and is as early as the light, thin, unsatisfactory spring "Burt" Oat. It is sturdy in habit and not apt to blow down. Has long, drouth-resisting taproot. Matures evenly. The earliness of the Fulghum Oat affords a valuable opportunity for the earlier planting of other crops and for early spring feeding. It is rustproof, cold-resistant and quite beardless, and drills in the machine better than Appler.

You should include Fulghum Oats in your order. Our seed is carefully cleaned and of the strongest vitality. Peck, 50c; bu., \$1.25; 5 bu. lots, \$5.75.

NOTE—FOR WINTER GRAZING.—In Florida and the Southern States there is an increasing demand for quick-grazing crops. Oats take an important place in supplying this demand and our demonstration and information has proven the Fulghum to be one of the most satisfactory varieties that can be planted. While we emphasize this Oat for grazing we must not take from it any of its good qualities as a grain producer, and we don't hesitate to say it is the best general purpose oat that can be planted. Our seed of this variety has been carefully selected and especially grown for us for years and are the highest quality selected seed oats that can be produced. The pedigree of the seed must be considered. Martin's Hy-Test Fulghum Oats are pedigreed.

(No. 296) **TEXAS RED RUST-PROOF.**—There is no better Oat than the Texas Red Rust-proof, providing one gets the genuine Oat, grown in the State of Texas. It is safe to say that 75 per cent of the Oats sold as Texas Rust-proof never grew in that state. Farmers should be more careful in purchasing their seed Oats. The Texas Oats are heavy grains, nearly all of them having a distinctive beard. Color varies, according to the season. They are largely planted in the spring and early fall. Two bushels should be sown to an acre. Peck, 40c; bu., \$1.25; 5 bu., \$5.50.

ATTENTION! Market Gardeners Truck Growers Large Farmers

We want you to go over this catalog carefully, make up a list of the seeds you need and the quantities of each, and send to us for special prices.

We are in close touch with you, understand your soil and climate, and our many years experience in the state has taught us the needs of the Florida farmer, and we are in position to serve you better than any outsider.

We have one of the largest stocks of selected and tested seeds to be found in the South. We know that, quality considered, we can supply your wants at as reasonable prices as any other seedsman or grower, and can give you quick service. We are here to serve you and hope that you will call on us often.

RYE

Sow at the rate of from 1½ to 2 bushels to an acre.

(No. 299) **FLORIDA RYE (HY-TEST)** is grown in Florida by responsible growers and there is no variety that will excel the **Florida Black Rye**. It is native to our state, grows off quick, stands upright, makes the most satisfactory early fall pasture that can be planted. For planting in this state, next to the Florida, we recommend the **Abruzzi Rye**. Lb., 35c; 14 lbs., \$1.35; bu., \$3.65.

(No. 300) **SOUTHERN RYE**.—This rye has not proven very satisfactory in Florida and South Georgia. We recommend it to our customers further north of this section. It will not grow so tall or head up for cutting like the **Florida Rye** or **Abruzzi Rye**. Quart, 35c; peck, 75c; bu., \$2.50.

ABRUZZI RYE.

(No. 301) **ABRUZZI RYE** was discovered by agents of the United States Department of Agriculture while on an exploration trip through Italy in search of valuable plants for use in this country, and was introduced for the first time about January, 1900. It came from Naples, and brought with it this record: "Abruzzes, a superior rye grown in the Abruzzi Province, a mountainous district east of Rome. This strain is one of the best grown in Italy, having made an average yield of 28.2 bushels per acre for a period of ten years."

This rye was tested by the United States Department of Agriculture and found to be valuable.

Abruzzi Rye is far superior to the ordinary rye varieties. In carefully conducted tests, we find that it will give from two to three times the amount of pasturage or forage that our ordinary varieties will.

In addition to its heavy yields, it possesses the distinct advantage of growing upright, making it easy for the animals to graze. It does not lie flat on the ground. It grows off upright from the very start.

WE DO NOT KNOW OF ANY CROP THAT WILL GIVE AS MUCH GRAZING DURING THE WINTER AS **ABRUZZI RYE**. Lb., 30c; 14 lbs., \$1.25; 56 lbs., \$3.75.

KAFIR CORN

(No. 302) **KAFIR CORN**.—This grain makes most nutritious feed, and can be used for both stock and poultry. **Kafir Corn** is of vigorous growth and can be cut twice during the season if desired for fodder, and will be found most nutritious and very fattening. When used by itself, use from three-quarters to one bushel per acre, broadcast. It can be sown in connection with cowpeas broadcast at the rate of a peck of **Kafir Corn** to a bushel of cowpeas to the acre. Lb., 25c; 2 lbs., 40c, postpaid. Not postpaid by express or freight—Pk., (12½ lbs.), \$1.25; bu. (50 lbs.), \$3.00. Write for prices in larger quantities.



Winter Barley



Field of Abruzzi Rye

SAND or WINTER VETCH

If wanted by mail, add for postage.

(No. 303) **SAND OR WINTER VETCH**.—The **Sand Vetch** is one of our most valuable forage plants; in fact, the most valuable of all to furnish green forage in winter. It is in general use in this section by dairymen. It is a nutritious feed, fattening and, at the same time, largely increases the flow of milk. Vetch should be sown from August to December at the rate of thirty to forty pounds per acre, with three-quarters to one bushel of rye or winter oats. Vetch is a trailing plant and needs something like rye, oats or wheat to support it, holding it well off the ground and making it easier to harvest and cure. Lb., 30c; 5 lbs., 20c lb.; 10 lbs. and over, 15c lb. Write for quantity prices.

WINTER BARLEY

(No. 304) **WINTER BARLEY**.—Excellent pasture for winter and early spring, as it can be grazed without injury. Sow at rate of 1½ to 2 bushels per acre during fall or early winter. 1 lb., 25c; 12 lbs., \$1.00; 48 lbs., \$3.50.



Egyptian Wheat

TRY THIS THE DASHEEN IT'S WORTHY A ROOT CROP FOR THE SOUTH USED AS A TABLE FOOD AND AS AN EXCEPTIONAL HOG FEED

(No. 305) **DASHEEN**.—Approved by U. S. Department of Agriculture as a substitute for Irish potatoes. Are more nutritious, far more productive. Baked, are better than Irish potatoes. Cook in a dozen different ways. Get Dasheen Bulletin from Agricultural Department at Washington. Two hundred to four hundred bushels per acre. Crop matures in seven months. Store and keep like Irish potatoes. They keep twice as well. Forty-five to fifty pounds to one bushel. Have a sweet, nutty flavor. Gather about November 1st. Plant 4 feet by 2 feet; plant whole

bulb March or April in well-drained, damp, rich land, and cultivate. In large use now in Florida and Southern Alabama. The whole world eats practically as much Dasheen as it does Irish potatoes. The bulbs weigh from one to one and a half pounds. Only grown on moist bottom land. Will produce fifteen to eighteen tubers per hill (almost one peck), some 4 inches in diameter. Plant grows 5 to 6 feet, produces immense elephant ears and largely ornamental. Price, peck, \$1.25; bushel, \$4.50; 5 bushels, \$4.00 per bushel.

SORGHUM

Write for prices on large quantities.

The Sorghums will make a larger yield in the same length of time than any other forage crop. The use of Sorghum as a forage crop has increased very rapidly in the past few years. There is no food that is more nutritious, or more greatly relished by cattle, and it should be one of the staple crops of every Southern farmer. It also makes an excellent green feed. It can be cut two or three times during a season, yielding two or three crops from one seeding. Sorghum will stand dry weather much better than millet, and is a much surer and larger yielding crop, although not quite so easy to cure for dry feed. For forage purposes,

sow thickly at the rate of one to one and one-half bushels per acre, or for sorghum, sow in drills at the rate of one peck per acre.

(No. 306) **RED-TOP**.—This is the best variety for forage on account of its many leaves and heavy, compact heads. Cane very sweet. Syrup darker than that of the Amber. 1 lb., 25c; 5 lbs., \$1.00, postpaid; 10 lb. lots, not prepaid, 8½c per lb.

(No. 307) **ORANGE**.—A little later than Amber; claimed to make a heavier yield of forage. 1 lb., 25c; 5 lbs., \$1.00, postpaid; 10 lb. lots, not prepaid, 8c per lb.; bu., \$2.85.

(No. 308) **EARLY AMBER**.—Furnishes a large yield of most nutritive forage, which can be fed either green or cured, and will yield two or three cuttings a year, stooling out thicker each time it is cut. It grows 10 to 12 feet high. Sow broadcast for forage at the rate of one to one and a half bushels per acre. When sown in drills, sow at the rate of one peck per acre in drills 3½ to 4 feet apart. 1 lb., 25c; 5 lbs., \$1.00, postpaid; 10 lbs. and over, 8c per pound, not prepaid; bu., \$2.75. Write for prices on larger quantities.

(No. 309) **TEXAS SEEDED RIBBON CANE**.—This is one of the Sweet Sorghums that has been incorrectly sold as sugar cane. It is a very rank and vigorous growing sorghum, making a heavy and exceedingly juicy stalk and a large yield of syrup. It matures late but makes heavy yields of green forage for feeding livestock or for filling silos. Write for prices on large lots. 1 lb., 30c; 4 lbs., \$1.00, postpaid; 10 lb. lots or over, not prepaid, 15c; bu., \$4.50.

SORGHUM for HOG PASTURE

It should not be expected that sorghum pasture will supply all of the feed necessary to keep hogs in a good growing condition. There are few, if any, green pasture crops that will do this. To give best results, green pasture crops should be supplemented with a grain crop of some kind.

By having two fields of sorghum, and planting one field two to four weeks earlier than the other, continuous pasturage may be secured from early spring until frost kills the sorghum in the fall.

PLANTING.—To be able to give the crop some cultivation, plant in rows 3 feet apart and from 2 to 4 inches apart in the drill. It will be necessary to use a drill plate with eight or ten holes. The planting may be done with the ordinary one-horse corn drill. The holes should be about three-sixteenths of an inch in diameter. Care should be taken not to cover the seed more than an inch deep. Sorghum seed may be planted at any time from early March until August. The spring plantings will give larger yields per acre than the summer plantings.

Some prefer to sow the seed broadcast and cover it with a harrow. This method can be used, but it will require considerably more seed per acre than when planted in rows, and the yield per acre will be less.

VARIETIES.—There are a number of varieties of sorghum that will do well under Florida conditions, and perhaps there is not much choice as to which to select to plant for summer pasture. Any one of the following three varieties may be used: Amber, Orange, or Texas Seeded.

FERTILIZATION.—Sorghum is a gross feeder, requires a large quantity of plant food, and is not particular as to the source. When the crop is to be used only as a green pasture, perhaps the most important fertilizer is ammonia. This can be supplied in the form of dried blood, or sulphate of ammonia. The following formula ought to give satisfactory results:

Ammonia	4 per cent
Available phosphoric acid	4 per cent
Potash	4 per cent

This should be applied at the rate of 400 to 500 pounds per acre a week or ten days before planting the seed.

At the time of the first cultivation, or when the young plants are about 2 inches high, it will be found a good plan to make an application of nitrate of soda at the rate of about 100 pounds per acre. Sorghum is a slow growing plant at first, and a little nitrate of soda will hasten the growth materially.

PASTURING THE CROP.—Sorghum can be pastured at almost any stage of growth after it has reached a height of 12 or 15 inches. It will, however, contain more real feeding value for stock after it has headed out and when the seed is in the dough stage. At this stage, however, it is too hard and woody for young hogs.



Texas Seeded Ribbon Cane



Eight Varieties of Millet Grown in Nassau County, Florida

YELLOW MILO MAIZE

(No. 310) **YELLOW MILO MAIZE**.—This makes a thick, succulent growth of forage, very nutritious and of splendid milk-producing qualities. This, like the sorghums, can be cut over two to three times, where it is desired to cut it for green forage. Also makes excellent ensilage, or can be cured same as other sorghums. Lb., 25c; 2 lbs., 45c, postpaid. Not postpaid by express or freight: Peck (12½ lbs.), \$1.25; bu. (50 lbs.), \$3.75. Write for prices on larger quantities.

MILLET

Write for prices in quantity.

Makes a splendid continuous cutting forage crop.

(No. 311) **PEARL, or CAT-TAIL**.—The enormous yields which are continuously cut four or five times during the season are used for both green and dry feeding, and, as it yields so largely, it is very highly prized. It grows from 10 to 12 feet high, but cutting should commence when a height of 2½ to 3 feet is attained. After being cut it will stool out enormously, becoming much thicker, makes a rapid growth, and will afford three or four large cuttings during the season. It is very nutritious and is relished by all kinds of stock. If sown broadcast twenty to thirty pounds should be used, but quicker growth and more frequent cuttings will be obtained if sown five pounds per acre in drills 3 feet apart and cultivated occasionally. Lb., 35c, postpaid; 5 to 10 lbs., 30c, postpaid; bu., \$12.50. Write for prices on larger quantities.

(No. 312) **GOLDEN**.—Choice Southern. The true Golden Millet, when properly grown and handled, makes an enormous yield of most nutritious feed, and without impoverishing the soil to any great extent. Sow thickly, about one bushel per acre, and cut while it is in bloom, before the seed hardens in the head. Sow when the weather gets warm. Two crops can be seeded and grown during the summer on the same land. Lb., 25c, postpaid; 5 lbs., \$1.00; 50 lbs., \$3.50. Write for prices in larger lots.

**MARTIN'S
HY-TEST SEEDS
ARE THE
BEST**



Pearl, or Cat-tail Millet



Golden Millet

SOJA, or SOYBEAN

Lb., 25c; 2 lbs., 45c; pk., \$1.00; bu., \$3.25. Write for prices larger quantity.

Soja, or Soybean, should be planted as soon as the ground is well warmed. They withstand drought to an extraordinary degree and never fail to produce a crop. One-third to one-half bushel of seed is planted per acre, with a drill preferably, 3 or 4 inches apart in row and rows 30 inches apart.

(No. 313) **MAMMOTH YELLOW SOJA, OR SOYBEAN.**—Heavily podded with seed, and yielding 6 to 8 tons per acre. It is a variety either for feeding green or for silo, being a plant rich in nitrogen. It is unsurpassed as a soil-improving crop.

BENEFITS FROM GROWING SOYBEANS.

The soybean, like clover and alfalfa, is a legume. If properly inoculated it has the power of taking nitrogen from the air and building it up into its own tissue. If grown it increases the protein of the farm for feeding purposes and also gathers nitrogen to enrich the soil.

In contrast to field beans, the soybean has no destructive diseases which attack it. It appears to be immune from fungus diseases.

The soybean is frost-resistant, excelling both field beans and corn in this respect. It is not hurt by light frost in the spring when the plant is young, and is particularly resistant to early frosts in the fall when it is nearing maturity. Soybeans fit into crop rotations when red clover fails, or as a supplementary silage crop. Any soil that will grow corn will produce soybeans, and soils that are too sandy to produce corn will make yields of this crop. Soybean hay is as valuable for feeding dairy cows as alfalfa.

The soybean improves the soil; can be grown for seed; can be used as a human food; and is an excellent crop for green manuring.

The above information on the advantages of growing soybeans are given as suggestions that seedsmen may use in catalog or other advertising matter, to encourage and promote general use of this crop. Southern States have long realized the benefits to be derived from the growing of soybeans, and the acreage in the Southern States is increasing each year. Northern States have been slow to utilize this crop, possibly owing to the fact that it had not always been possible to secure seed of varieties adapted to northern conditions. Now, however, seed acclimated to the North is obtainable and, as soybeans under certain conditions have many advantages as a farm crop, a more extended use of this crop would be of benefit.

SOYBEANS FOR FOOD.

The whole soybeans may be used for human food like other beans, boiled or baked alone or in combination with pork, potatoes or rice. The characteristic strong flavor of soybeans can be removed easily and completely by soaking over night in three to four quarts of water to a cup of beans. Hot water should be put into a large vessel and the beans should be suspended in a bag or collander just below the surface of the water to allow free diffusion of the substances out of the beans. The water should be changed in the morning and the beans boiled for ten to twenty minutes with a teaspoonful of soda in the water. The soda water should be poured off and the beans can then be boiled or baked in the ordinary way. Without the soda they remain rather tough and rubbery.

Attempts that have been made to use soybeans for food purposes and which have been unsuccessful are undoubtedly due to improper preparation. For this reason we are publishing above information on the subject and suggest that seedsmen in sections where soybeans are grown give as much publicity as possible to it and thus aid in increasing the consumption of them.

Egyptian Wheat

Plant in rows 3 feet apart, 10 lbs. to the acre, or broadcast 30 lbs. per acre.

(No. 314) **EGYPTIAN WHEAT.**—A new grain which is creating quite a sensation in the South and West. A letter from one of our Florida customers stated that this, when planted early in the season, produces two crops of seed and forage from one planting, and states that for flour, feed and grain it will equal anything in the United States, while for chickens, hogs, sheep or horses it at all times takes the place of corn. This Shallu or Egyptian Wheat should be planted at the same time as sorghum or kafir corn, and planted in drills 18 inches apart. It stools out after the first cutting, producing the second growth equally as good as the first. In harvesting the seed, the tops are cut off and cured in a dry place and threshed out. For forage the stalks can be mowed the same as grass. It starts its growth again very quickly after cutting, and will, in favorable weather, mature a second crop within about sixty days after the first cutting.

We recommend this new forage plant to our customers, believing that it will prove to be a most desirable plant, particularly as a forage plant and for raising a most desirable and nutritious grain for food for poultry and other stock. Lb., 30c; 4 lbs., \$1.00, postpaid; pk., \$2.25. Write for price in quantity.

YOUR PLANT IS AS GOOD AS
YOUR SEED—PLANT MAR-
TIN'S HY-TEST
SEED



Egyptian Wheat

DON'T THINK THAT BECAUSE THE WAR IS OVER THAT WE
WILL NOT NEED TO RAISE SO MUCH FOOD AND
FEEDSTUFFS. WE MUST RAISE MORE.

MARTIN'S HY-TEST GRASSES

Rhodes Grass

TIME OF SEEDING.

(No. 315) RHODES GRASS.—Experience with it in Florida indicates that April and May in the spring, or October and November in the fall, would be the most favorable times for seeding in Northern Florida. This same time would probably suit Central and Southern Florida as well as any other time of the year. The seed should be sown in a seed bed thoroughly prepared and covered very lightly. It must, however, be in contact with moist soil to germinate readily. Under favorable conditions germination will take place in about three days, and the seedlings may be expected to show themselves above ground in a week.

With good seed, 10 lbs. to the acre will be sufficient for a good stand.

PREPARATION OF THE LAND.

Rhodes Grass seed is very small, consequently the seedlings will be quite weak, so that the land should be prepared with great thoroughness. It should be broken up as deeply as for any other farm crop, then worked perfectly smooth with the harrow and the seed sown. After the seed has been sown it will be found advantageous to run a roller or some other similar farm implement over the soil to compact the surface and cause the seed to come in close contact with moist soil.

CROP.

The amount of hay that can be made per acre off Rhodes Grass varies from a fraction of a ton up to 4 or 5 tons, but one should be satisfied with 3 or 4 tons on land that is considered good for general cropping purposes. It will not need reseeding for several years. A considerable amount of hay can be made in the summer from seed sown in the spring. The first cutting will come off during the rainy portion of the year and one or two mowings later when the dry weather has set in. It grows continuously throughout the year if not injured by heavy frosts. It makes a good grazing grass and is equally good for hay purposes. Its nutritive value runs about the same as crab grass or timothy. Price, per lb., 75c; 5 lb. lots and over, 65c per lb. Write for special prices in large quantities.

Kentucky Blue Grass

(No. 316) KENTUCKY BLUE GRASS.—It is rather sensitive to heat, but not so to cold weather, and on this account does its best in the fall, winter and spring. It grows slowly at first, forms a very compact turf, making a fine pasture when once established. It is much the best, however, to combine other grasses with it for either lawn or pasture. Sow in the spring or fall. Lb., 75c; 5 lb. lots, 65c per lb. Write for quantity prices.

Carpet Grass

(No. 317) CARPET GRASS.—Carpet Grass is to the light and sandy soils what Bermuda is to the heavier and richer soils. It reaches its greatest perfection on the light soils near the Gulf Coast, where it "comes in" very quickly when the land is pastured or heavily trampled; and it is more or less common as far north as Central Georgia and Northern Louisiana. Its creeping habit of growth enables it to bear close grazing without injury. It is strictly a pasture grass, seldom growing large enough to be worth cutting for hay. It will stand close grazing and heavy trampling better than any other grass in the Gulf region; in fact, a considerable amount of trampling seems necessary to its best growth, as it disappears when stock is taken from the field or the land is put into cultivation.

The usual method of propagation is to cut some of the grass which has been allowed to mature seed and to scatter the hay over the pasture in which it is wanted. Little seed is produced where the grass is grazed closely, but when stock is taken from a field in July or August an abundant supply can be secured in September or October. It grows readily when scattered on the surface of the ground, and comparatively little seed is needed. When even a few patches become established in a pasture it soon spreads over the entire field, and on a field which is well trampled it will make a good sod in about two years, even where the ground has never been plowed. A quicker and surer method of propagation is by transplanting pieces of old sod as Bermuda is propagated, but this is much more laborious and expensive.

Although it makes a little growth after the first heavy frosts in the fall it furnishes good winter grazing if stock has been removed from the field in July or August, for it will make a growth of 6 to 12 inches by November, and the lower stems and leaves which are protected from frost will remain green and give fresh grazing through the winter, but pastures which have been grazed closely all summer give little winter feed. Like Bermuda grass it needs sunshine for its best growth, though it makes considerable good feed in wooded pastures and brush land. Price—Lb., 65c; 5 to 25 lbs., 60c lb.; 25 lb. lots and over, 50c per lb.

Natal Grass

(No. 318) NATAL GRASS.—This grass (*Tricholaena rosea*) is an annual grass from South Africa, which is now commonly grown in many tropical and semi-tropical countries. Sometimes it is called "Australian Red-top," or "Hawaiian Red-top," but is not related to the true red-top. It was introduced into Florida some twenty years ago. It is now grown



Soy Beans

in Marion, Lake, Sumter, Orange and Polk counties, and to some extent in all parts of South Florida.

Natal Grass is sometimes confused with Rhodes Grass. However, there is no likeness between the two, except that they are both of African origin. In the Natal Grass the seeds are borne in loose, pink, downy, branching sprays, the color of which fades to almost white when the seed is matured.

Natal Grass makes its best growth on any good vegetable land. It will grow on quite sandy soil, but will not produce as good yields as it will on the better soils.

The preparation of the seed bed for Natal Grass is similar to that for any other cultivated crop. It is not necessary to prepare a deep seed bed, but it is essential to see that the surface is well pulverized. Plow the land "broadcast" to a depth of 4 to 6 inches. Then prepare the seed bed by the use of the harrow. If the surface is rough, it may be necessary to harrow the field several times. The tooth harrow or the Acme harrow are two good implements that can be used to advantage for this work.

The seed may be sown broadcast, or it can be planted in rows 8 or 10 inches apart. The seed is very light and fluffy and it is difficult to scatter it uniformly over the surface of the soil. This, however, can be overcome to a considerable extent if the seed is mixed with moist sand. If the sand is made too wet it will not be possible to get an even distribution. It will require ten to fourteen pounds of seed to plant an acre. It will always be found best to use a liberal quantity of seed, so as to get a good stand.

NATAL GRASS—Continued

Care should be taken not to cover the seed too deeply. If the seed is covered too deeply a poor stand is likely to be the result. The seed is very small, and it is not possible for it to come through a heavy covering of soil.

Natal Grass seed is widely distributed by the wind, and it may come up from seed in cultivated fields or elsewhere like crab grass. It is more or less winter-killed in Central Florida, but farther south, or in warm winters, it may live over from one season to the next. There should be no fear of it becoming a pest in cultivated fields, for it can be eradicated without difficulty. It ripens seed uniformly, so if it is made into hay

just before it blooms, no seeds will be scattered, and next year there will be little or no Natal Grass in that field.

If the seed is sown about May 1, the first crop of hay will be ready for harvesting about July 15. Natal Grass requires about eighty to eighty-five days from seeding to maturity under favorable conditions.

The average yield of hay per acre at the experiment station during the past four years has been about one and a quarter tons. The heaviest yield of hay during one season was 2.6 tons per acre, this being the yield of two cuttings. The soil upon which it was grown is what is classed as high pine land, such as would produce 15 to 20 bushels of corn per acre. Price, 40c per lb.; 5 lb. lots, 35c per lb.; 10 lb. lots, 30c per lb., postpaid. Will be pleased to quote prices in larger quantities.

SUDAN GRASS

(No. 319) SUDAN GRASS.—This new introduction has been very generally sown all throughout the country the past year. It is proving a remarkable success wherever it has been sown, and is destined to become one of the standard summer grass and forage crops, and that it will largely supersede millet and other summer forage crops is confidently predicted. Millet only produces one crop a year; Sudan Grass will produce two or three good cuttings each season, and cures up splendidly, making a most nutritious and desirable forage or hay crop. From our own and our customers' experience, we strongly recommend liberal seedings of this grass everywhere that a summer forage or grass crop is desired. It is unquestionably a great hay-producing crop, both in quality and yield.

SOWING THE SEED.—The seed should not be sown until the ground and weather become warm, in this section not earlier than the middle of March. Can be sown either in drills from 18 inches to 2 feet apart at the rate of about 10 lbs. per acre, and cultivated, or can be broadcasted or drilled thickly at the rate of 25 to 30 lbs. per acre.

The hay should be cut as soon as the grass is fully headed, and early cuttings are especially advisable where more cuttings per season are expected. The grass can be cut with a mower the same as other grasses. Sudan Grass stools out thickly after the first cutting, and makes a thicker growth for the second and third cuttings than for the first cutting.

Sudan Grass is an annual, and requires to be sown each season. Lb., 25c; 10 lbs., not prepaid, 20c; 100 lbs., 15c. Write for prices on large quantities.

BERMUDA GRASS

One of the most valuable pasture grasses. Sow at the rate of 7 or 8 pounds per acre.

(No. 320) BERMUDA GRASS.—This is a most valuable perennial pasture grass all through the South, and also produces good yields of hay. It is very well adapted to light soils, and in some sections of the South is the only pasture grass that will make a good sod on this class of soil. It also does very well on clay and loamy soils. It is rather late in starting in the spring, but stands hot, dry weather remarkably well, making a most valuable summer pasture grass. It will furnish more summer pasture during hot, dry spells than any other grass we have ever had experience with. It is rather difficult to eradicate when once established, but this is also a strong recommendation wherever permanent grass is desired. Provided proper methods are used, however, Bermuda Grass land can easily, if desired, be planted in other crops, the only requirement being that the Bermuda Grass sod be deeply plowed and thoroughly inverted, so as to give the crops that are planted on same a good start, when the shade from these will prevent the Bermuda Grass from growing. 1 lb., 75c; 10 lbs., 60c per lb., postpaid; 25 lb. lots, 45c per lb. Special prices on larger quantities.

TEOSINTE

Sow in drills $3\frac{1}{2}$ to 4 feet apart; sow at the rate of from 3 to 4 pounds per acre.

(No. 321) TEOSINTE.—Enormous-yielding, continuous-cutting forage crop. We strongly recommend this to be generally sown, as it will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer. It also makes splendid dry fodder, yielding enormously and being more nutritious and even better relished by all kinds of stock than corn fodder. In appearance it somewhat resembles Indian corn, but the leaves are much larger and broader and the stalks contain sweeter sap. It stools out enormously after being cut. $\frac{1}{4}$ lb., 25c; 1 lb., 90c, postpaid. Write for prices on larger quantities.

CHUFAS

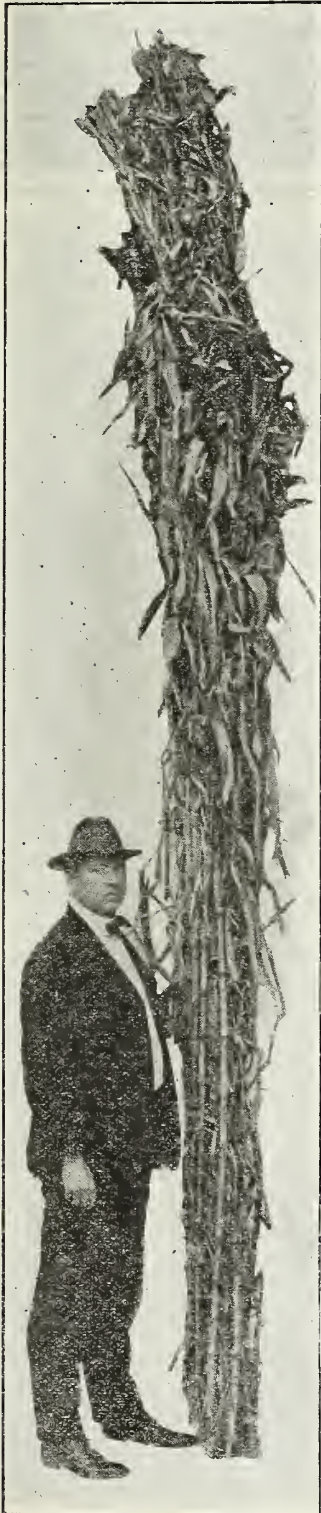
HOGNUT; GROUND ALMOND—PERENNIAL.

(No. 322) CHUFAS.—They are an excellent hog food. Chickens and turkeys are also especially fond of them, so that a crop, when grown, can be fed to both poultry and hogs. The flesh of the Chufa is especially juicy and delicious. Be sure and get a supply in January. Demand always consumes supply before April 1. Plant one peck per acre as late as June; soak seed a week. Plant 12 inches apart in rows $2\frac{1}{2}$ feet apart; do not bed or hill up; give two plowings and hoeings. If you get a bad stand, pull out shoots from growing plants and plant and use these. Grow just under the surface like all grass nuts. Mature in October and lie in ground till eaten. Grow best on well-manured, sandy soil. 1 lb., 35c, postpaid; 11 lbs., \$1.50. Write for prices in larger quantities.

JOHNSON GRASS

(No. 323) JOHNSON GRASS makes a heavy yield of excellent hay and gives good grazing for one or two seasons, but is such a pest when growing in fields where it is not wanted that its planting in clean fields can not be recommended. It makes its best growth on heavy soils, especially on the black prairie lands, on clay lands which are rich in lime, and on the black-wax lands of Texas. On light, sandy soils its growth is weak and it is short-lived. On soils suited to its growth it yields very heavily for two or three years after which the thick, heavy root stocks become so matted in the surface soil that the yield is greatly reduced. If such land is to be kept as a meadow it should be plowed and harrowed about once in three years, after which it will yield as heavily as ever. The hay made from it is of excellent quality if cut before the seeds are formed, but becomes coarse and tough as the plants mature. It does not bear grazing well, as the fleshy root stocks then make only a weak growth and the growth of stems and leaves becomes very small.

Grazing does not kill the grass, however, for when an old pasture which was originally well set with it is plowed up the grass soon becomes vigorous again. It is quite possible to eradicate it without excessive labor or expense. When there is only an occasional small patch in the field it can be killed by hoeing thoroughly and then covering the surface of the ground with half an inch of common salt. When a large area is to be cleared it can be done by taking advantage of the fact that the root stocks from which the new shoots are produced live only one year and that they are formed near the surface of the ground which has not been plowed recently. If the land is not plowed for a year the young root stocks will all be found within 2 or 3 inches of the surface. By plowing shallow late in the fall when the weather is dry, and following that by a thorough harrowing with a spring-toothed harrow which will drag the roots out of the ground, nearly all will be killed during the winter. By repeating this work in the spring and planting the ground in some hoed crop like cotton or corn the few sprouts which may appear are easily killed. The only expense is for the extra plowing and harrowing, and that is more than repaid by the additional crop which will be made as a result of the thorough working of the ground. Price—1 lb., 40c; 5 lb. lots, 35c per lb.; 25 lb. lots and over, 25c per lb.



Teosinte

MAMMOTH RUSSIAN SUNFLOWER

(No. 324) **MAMMOTH RUSSIAN SUNFLOWER.**—The best variety for the farmer. Makes heads nearly double the size of the common kind, and makes a much larger yield of seed. Will yield, under favorable conditions, 40 to 60 bushels to the acre, and yields of as high as 125 bushels have been reported under exceptionally favorable conditions. It is highly

recommended for poultry and is the best egg-producing food known, and the leaves make excellent fodder, relished by all kinds of stock. The seed is a good food for horses. It is claimed in some sections that the growth of the Sunflower near the house acts as a preventive of malaria. 1 lb., 25c; 5 lbs., 15c, postpaid; 10 lbs., 10c, not prepaid.

NAPIER GRASS

(No. 325) **NAPIER GRASS.**—The quickest growing and heaviest producing Forage Plant yet discovered, furnishes plenty of green food the year round. It will do well planted any day in the year, and will cut a crop every sixty days from the time planted all during the summer and fall and should be grazed all winter. Has cut over fifty tons green silage per acre. Makes the finest of hay with high government analysis.

Free booklet, giving full details and valuable data and containing actual pictures of many successful growing fields.

Can fill orders promptly for strong roots from old plants at \$100.00 per 1,000. Matured Joints ready for setting, \$3.00 per 100, or \$25.00 per 1,000.

ITALIAN RYE GRASS

Sow from 6 to 8 bushels per acre for lawns.

(No. 328) **ITALIAN RYE GRASS.**—One of the most valuable grasses for fall planting, a quick grower, an annual, dying out the first summer. It is used mostly in Florida as a lawn grass and makes one of the quickest growths that can be planted. It is generally sown over Bermuda or other lawn grass and will make a green lawn till spring. We are selling a great quantity of this each season, and the sale is steadily increasing. Prices by mail, postpaid: 1 lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25. Not prepaid: Bu. (20 lbs.), \$3.00.

BROOM CORN

(No. 326) **IMPROVED EVERGREEN.**—The best variety for cultivation, on account of color and quality of brush; ripens very early, grows about 8 or 10 feet high, brush of good length, fine and straight and always of green appearance when ripe. In diversifying your crops, you will find this a good and profitable crop to try, for much interest is being manifested by Southern farmers in the growth of broom corn brush for the market. Parties who have made the experiment report a very profitable business, as there is unlimited demand for good brush at a very high price. To grow broom corn successfully, the ground should be rich and well prepared. Plant seed in rows 3 feet apart by 18 inches. The plants should be cultivated as soon as they are out of the ground. Harvesting should be done when the seed is in a soft, milky condition. Plant 10 to 15 pounds to an acre. Price per lb., 25c, postpaid; 5 lb. lots, 20c; 25 lb. lots, 10c. Write for prices in larger quantities.

Japanese Buckwheat

(No. 327) **JAPANESE BUCKWHEAT.**—Entirely distinct from all other varieties. It has the advantage of remaining for some time in bloom, and produces seed earlier. It resists drouth and blight very well. The seed is rich dark-brown in color and larger than Silver Hull. As much as forty bushels to the acre has been harvested of this variety, making it very profitable to raise. Lb., 25c, postpaid; bu., \$4.50.

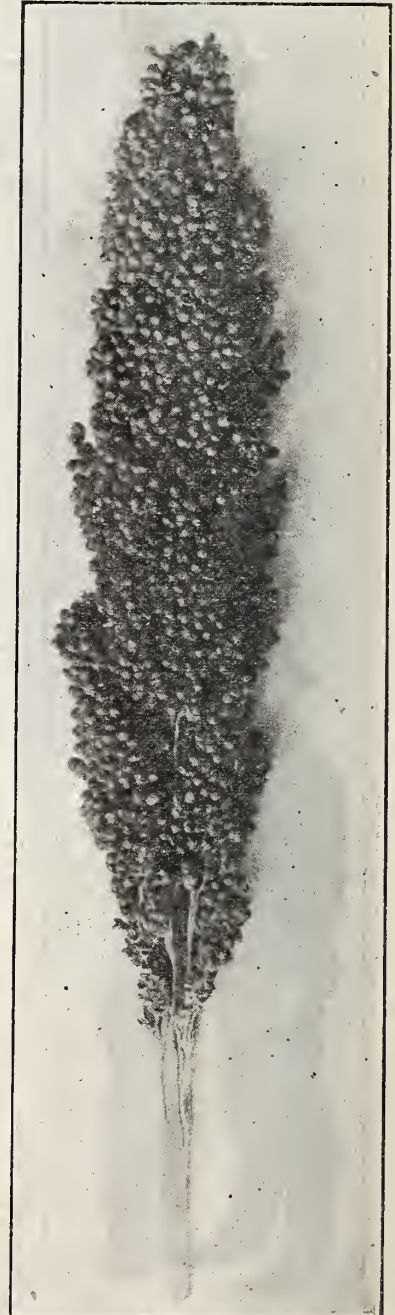
Feterita

(No. 329) **FETERITA.**—No new thing is offered in this catalog until after it has been thoroughly tried. That is why we receive so many favorable testimonials each year. But of the many non-saccharine sorghums offered in this book none have proven more popular from the start than Feterita, on account of its astonishing growth after it becomes well rooted. Every testimonial received expresses astonishment at its rapid growth.

The grain has about the same feeding quality as Egyptian Corn or Milo Maize; yields from two to three tons of grain per acre. It is bothered very little by birds, as they are unable to shell it out and waste it. The seed is more susceptible to cold than other sorghums, therefore should not be planted so early, nor should it be planted in cold soil. For both the excellence and the abundance of forage it cannot be excelled when cut young, and for grain it is equal to any quality, but ahead of others for yield. Lb., 25c; 5 lb. lots, 20c per lb.; 10 lb. lots and over, not prepaid, about 12½c per lb. Write for quantity prices.



Broom Corn



Head of Feterita

INCUBATORS

Write for Incubator
and Brooder
Catalog



Field of Alfalfa

MARTIN'S HY-TEST CLOVER SEED

(No. 330) **WHITE**.—Well known. It forms a thick, close turf, is excellent to sow for pastures, especially on sandy soils, and should enter into the composition of all lawn mixtures. Alone, it requires four to six pounds per acre; in mixture, from one to two pounds. Lb., 75c, postpaid. Lots 5 to 10 lbs., 70c per lb.; 25 lb. lots, 65c per lb.

(No. 331) **CRIMSON**.—Recommended for fall seeding and should be more largely used in the Southern States. Produces an excellent hay and fine winter pasture. This is one of the finest of all soil-improving crops. Sow at the rate of 12 to 15 pounds per acre. Per lb., 25c; 5 lbs., 20c. For larger quantities write.

(No. 332) **BURR CLOVER**.—Sold in burrs unhulled. A perennial legume. Plant two bushels per acre. Sow July to last of November. Smoothly harrow land and cover only one-third inch in depth. It is better to plant on thoroughly plowed ground and level and sow the burrs directly on top of the land. Our Burr Clover is all fresh. Burr Clover in the burr will not come up if plowed under; and if on account of a dry season there is not sufficient moisture to wet the seed in the burr, they will not come up. Incorrect planting and bad seasons so often prevent germination that we refuse in any wise to become responsible for the crop. All our seeds are tested, but if you do not accept seed without a guaranteed crop on our part, kindly return them. Sprouts with fall rains and matures about May 20th. If cut or grazed, maturity is June 10th. When seeds ripen, plant land in corn or cotton, etc. For cattle and hogs scatter seed in corn late in summer, harrowing over with "Joe Harrow;" comes up in October. Turn cattle and hogs in in winter up to April 1st, and then let it go to seed. Furnishes immense grazing for cattle, sheep and hogs in winter. Makes fine hay. Poor clay land planted in Burr Clover will increase fertility yearly. One planting lasts a lifetime. Burr Clover and Bermuda Grass make a splendid combination for pasture or lawn, which is green all the year. Sow Burr Clover (5 to 6 seeds are in each burr) in September or October by running a disc over the Bermuda sod, then sow Burr Clover and drag the land, or sow directly on top of Bermuda sod. In sensational and tremendous demand throughout the South. Burrs carry inoculation. This is fine for a winter pasture and

cover crop. It seeds and dies in May or June, and will come again in the fall. In the burr, price per lb., 30c. Write for quantity prices. Recleaned, 1 lb., 40c; 5 lb. lots, 35c lb; 25 lb. lots, 30c lb.

ALFALFA or LUCERNE

Sow broadcast from 25 to 30 pounds per acre.

(No. 333) **ALFALFA, OR LUCERNE**.—The acreage devoted to Alfalfa is increasing very rapidly all through the Southern and Middle States, as wherever it succeeds it proves very convincingly its value as one of the most profitable and satisfactory crops that can be grown on the farm. Alfalfa will do well on any good loamy soil, but the land must be well and thoroughly prepared and contain plenty of vegetable matter, or be well enriched by the liberal application of well-rotted stable manure. A heavy application of lime is also of decided benefit. It is also decidedly preferable to sow it on land that has a porous or gravelly subsoil that the roots can penetrate. Alfalfa is a deep-rooting plant and will give best results on soils of this character. Prices by mail, postpaid: 1 lb., 35c; 10 lbs., 30c lb.; not prepaid by express or freight, about 25c. Write for quantity prices.

SEED POTATOES

Our seed potatoes are the highest quality, Maine grown selected seed. Write for quantity prices.



We are situated so we can give you service. The large building to the right is our warehouse and adjoining it at left is our retail store and offices.

JAPAN CLOVER—Lespedeza Striata

ONE OF THE MOST VALUABLE OF GRAZING AND SOIL-IMPROVING CROPS; ALSO MAKES A SPLENDID NUTRITIOUS HAY CROP

(No. 334) JAPAN CLOVER is one of the most valuable crops for the entire South, and is rapidly increasing in popularity wherever it is grown. Its greatest value is as a soil-improving and grazing crop. It is also very largely grown as a hay crop, producing large yields of the best hay, superior in nutritive value to timothy hay.

Once started, it soon spreads and takes possession of the land, making a steady growth of the finest and most nutritious pasturage, greatly relished by horses and all farm stock. It succeeds everywhere throughout the Southern and Middle States, taking possession even of stony hillsides and barren or waste lands. It also does well on low or wet lands, and a combination of Red Top (Herd's Grass) with Japan Clover on this class of soil furnishes excellent grazing. In places where it was sown several years ago it was found spreading all over the neighborhood, along the roadsides, ditch banks, and over neglected fields; at the same time it is easily subdued by cultivation, and does not in any way prove a pest to cultivated crops.

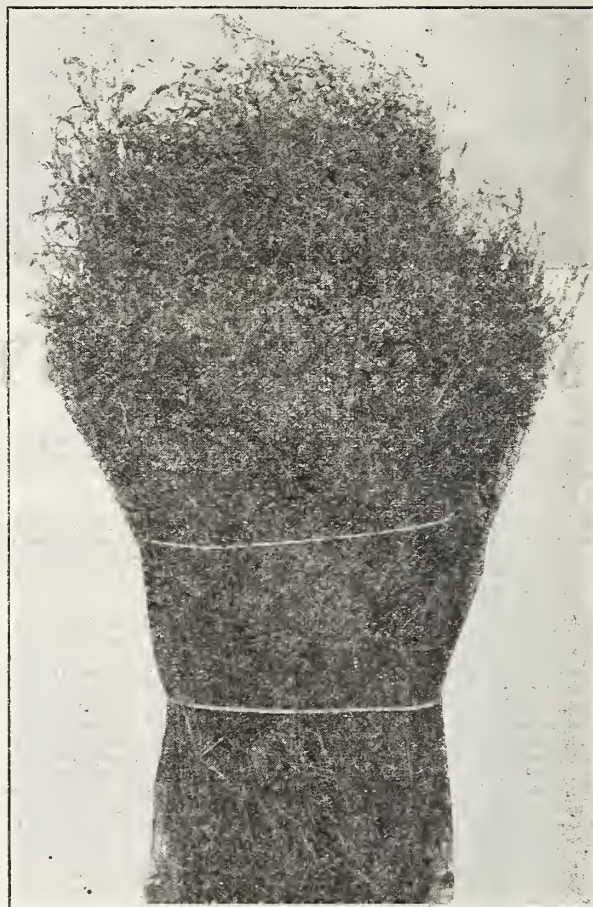
It will succeed if sown broadcast on old pastures, broom-sedges, etc., without any special preparation, and will soon spread and grow thickly all over the fields where put in, even taking the place of and driving out broom-sedges and wire grass. For sowing in woods that are used for grazing, or anywhere under the shade of trees, where other grasses do not succeed well, Japan Clover is to be strongly recommended, as it succeeds and does better under dense shade than any other grass or clover. All throughout the summer it makes a dense green carpet, which is very attractive and desirable.

It is best not to graze Japan Clover too early the first season, so as to give the seed time to mature and fall, which it is constantly doing all summer from the axil of the leaves. After the first season it can be grazed at any time. We do not recommend this clover for land that can be successfully grown in other grasses or clover in this section, but on waste land or poor, worn-out soils it will furnish excellent, nutritious pasturage, and at the same time improve the condition and productiveness of these poor lands to a considerable extent.

Sow at the rate of 10 to 15 lbs. per acre in March or April. It does not make much showing the first year the seed is sown. Price: 50c per lb.; 5 lb. lots, 40c per lb., postpaid. Not prepaid by express or freight, pk. (6¼ lbs.), 35c per lb.; bu. (25 lbs.), 30c per lb. Write for prices in larger quantities.

SEED TABLE

	Lbs.	Pounds per
	Bu.	acre.
Alfalfa—Broadcast	60	18—20
Barley	48	72—96
Blue Grass—Kentucky	14	30—40
Bermuda Grass .....	..	4—6
Broom Corn	46	4—5
Buckwheat	50	50—
Clover, Alsike	60	10—15
Clover, Mammoth	60	10—15
Clover, Red, alone for forage	60	10—15
Clover, Burr (in burr)	10	20—30
Clover, Sweet, hulled	60	10—15
Clover, Sweet, unhulled	30	15—20
Clover, White	60	6—8
Corn	56	7—8
Cowpeas	60	60—120
Crimson Clover	60	18—20
Hungarian Millet	50	40—50
Kafir Corn in drills	50	4—6
Lespedeza	25	25—
Millet, Golden	50	40—50
Meadow Fescue	24	25—35
Oat Grass, tall	14	28—30
Oats	32	64—90
Orchard Grass	14	21—28
Peanuts	22	1½ Bu.
Popcorn	56	5—7
Potatoes	60	8—10 Bu.
Rape in drills	50	2—4
Rape, broadcast	50	6—8
Red Top, solid seed	30	10—12
Rye	56	56—84
Rye Grass	20	30—50
Sorghum, forage, broadcast	50	50—100
Sorghum for seed or syrup	50	2—5
Soy Beans, broadcast	60	60—90
Sudan Grass in drills	50	3—5
Timothy	45	10—15
Timothy and Clover .....	..	.....
Timothy .....	..	8
Clover .....	..	6
Vetch, Hairy (drilled plus 30 lbs., small grain)	60	30
Velvet Beans	60	10—12
Wheat	60	60—75



Lespedeza

GOURDS

One ounce will plant 25 hills.

CULTURE.—Gourds are tender annuals, and should not be planted until all danger of frost is over, and not less than 6 feet apart each way, in good, rich loam. Three plants in a hill will be sufficient to leave at the last hoeing. Prices are by mail, postpaid.

(No. 335) **DIPPER.**—This, like the Sugar Trough, has a thin but hard shell, and can readily be made to serve useful purposes. Pkt., 10c; oz., 35c.

(No. 336) **FANCY VARIETIES MIXED.**—This is a collection of the ornamental and fancy sorts, fine for shade and their unique fruits. Pkt., 10c; oz., 35c.

(No. 337) **JAPANESE NEST-EGG.**—Fruit small and creamy-white; it exactly resembles the eggs of a hen. Pkt., 10c; oz., 35c.

(No. 338) **RAG, OR DISH-CLOTH.**—The peculiar interior of this is useful in the kitchen, when properly prepared; also a fine ornamental climber. Pkt., 10c; oz., 35c.

(No. 339) **SUGAR TROUGH.**—These Gourds grow to hold from four to ten gallons; shells light, but very hard and durable, and are readily made into useful household utensils. Pkt., 10c; oz., 35c.

LIVESTOCK and POULTRY

To make the largest margin of profit

RAISE YOUR OWN FEEDSTUFFS

Cultivate every possible acre of ground and help reduce the Cost of Living

INCREASE YOUR BANK BALANCE

Dade City, Fla., October 23, 1920.

E. A. Martin Seed Co., Jacksonville, Fla.

Gentlemen—The garden seeds I have bought of you this season are O. K. Germination perfect. I am, respectfully yours, O. C. G.

MARTIN'S VELVET BEANS

Lb., 25c; 2 lbs., 45c. Write for prices in larger quantities—will be pleased to quote on any quantity. Can supply large or small quantities.

WE SELL CARLOADS OF VELVET BEAN SEED.

A few years ago we only had one variety of Velvet Bean, the late speckled. We now have several varieties. We consider that the Late Speckled Velvet Bean, 100-Day Speckled Velvet Bean and the Chinese Velvet Bean are the leading varieties. We will have these. Write us for prices. We are headquarters for Velvet Beans. Write us for prices on all varieties of Velvet Beans.

The Popular Forage and Soil-Improving Plant.

If planted in drills, $1\frac{1}{2}$ pecks to an acre; broadcast, 1 bushel to an acre.

Makes an Enormous Growth for Forage—the Cheapest and Best Soil Improvers—Also Makes Splendid, Nutritious Fall and Winter Grazing.

Velvet Beans make an enormous growth of vines; greater, in fact, than any other known forage plant, in the same length of time, far surpassing the cowpea in yield. Velvet Beans are usually planted in rows 4 to 5 feet apart, at the rate of about half a bushel per acre. As a soil-improver they are considered superior to cowpeas, as they make so much larger growth and so much heavier amount of foliage. The proportion of nitrogen contained in the vines is about the same as in cowpeas, as they make so much larger growth and so much heavier amount of foliage, the total amounts of nitrogen and humus added to the soil are correspondingly larger. A crop of three tons will add as much nitrogen to the soil as will a ton of cottonseed meal, while the amount of humus will be three times as great.

ALSO MAKES SPLENDID, NUTRITIOUS FALL AND WINTER GRAZING.—In the South, Velvet Beans are used very largely for winter grazing, and for that purpose it is one of the best crops that can be grown on the light soils and in the long season of the Gulf Coast of Florida. The crop should be allowed to grow until December or until killed by frost, after which it can be grazed through the winter, as the vines, leaves and pods decay very slowly, and remain palatable a long time. Early in the year, the crop remaining on the ground is usually plowed under as a soil-improver, and adds very materially to the condition and productiveness of the soil.

(No. 340) GEORGIA, OR 100-DAY VELVET BEANS.—This new Velvet Bean is creating a sensation wherever it is planted. It is the quickest-growing and earliest maturing of the Velvet Beans, and is well adapted for growing in districts farther north than Velvet Beans ordinarily have been grown. It will succeed and mature from Virginia southward, and will make a large growth in more northerly sections, even where it does not mature the seed.

It makes a wonderful soil-improver and forage crop, and the best of grazing for cattle, and is, in our opinion, destined to very largely take the place of other Velvet Beans all through the East and Middle South.



Velvet Beans

(No. 341) FLORIDA SPECKLED VELVET BEANS.—The kind most generally and largely grown. Makes a very strong-growing vine; has dark purple flowers in short clusters. The beans are nearly round in shape, and are borne in a dark, velvety pod about 3 inches in length.

(No. 342) CHINESE VELVET BEANS.—This new Velvet Bean is rapidly coming into great popularity wherever it is grown, on account of its earlier maturity than the regular velvet bean. It makes even a ranker and larger growth of vines and leaves than the regular Speckled Velvet Bean, and is of more value for soil improvement. It grows off vigorously from the start, and is better adapted for planting in more northerly districts than other kinds. The use of Velvet Beans, both as forage and grazing and soil-improving crops, is increasing everywhere, and the quicker growth of this variety will make Velvet Beans more generally planted than heretofore.

Varieties and the Time of Ripening of Velvet Beans

In North and West Florida, late varieties of Velvet Beans, like the Florida, the Lyon, and even the Chinese, rarely ripen all their pods before frost. In Central Florida the caterpillar usually attacks the vines badly about September, so that, unless the fields are sprayed, the late beans may be a failure. Some early Velvet Beans may require to be harvested in time to prepare the ground for the winter crop. Where the caterpillar is absent, early beans may be sown as late as June, and still give a fair yield.

For the last four years observations on the time of flowering of the different varieties have been made at the experiment station. Special attention was given to this point in 1915, when all varieties were planted on May 3, at equal depths and distances.

EARLY VELVET BEANS.

1. The Georgia Velvet Bean had its flowers on July 9; its blooming period was over on August 6; its pods all dry before September 9.
2. The Yokohama Velvet Bean flowered, in 1914, at about the same time as the Wakulla, and its pods were dry at the middle of September.
3. The Wakulla Velvet Bean bloomed on the average on July 15; its blooming period was over on August 10, and its pods were dry on the average, on September 12.
4. The Apopka Velvet Bean bloomed, on the average, on July 22; its flowering period was over on August 18; and its pods were ripe by September 14.

MARTIN'S HY-TEST SEEDS ARE THE BEST

MEDIUM EARLY VELVET BEANS.

5. The Osceola Velvet Bean flowered, on the average, on August 2; its blooming period was not over until September 2; and its pods were ripe about September 25.
6. The Chinese Velvet Bean bloomed on and after August 13. Its blooming period was not over till October 6, some of its leaves having been destroyed by caterpillars. On November 5 its pods were mostly dry.
7. The Alachua Bean bloomed about August 13. It also was attacked by caterpillars. Its pods were not all ripe by November 5.

LATE VELVET BEANS.

8. The Florida Velvet Bean flowered, on the average, on September 14. It was badly eaten by the caterpillar. Many of its pods were unripe on November 5.
9. The Lyon Velvet Bean bloomed in 1915, about September 6. It was badly eaten by caterpillars. Many of its pods were still green on November 5.

Write for Special Catalog of
Incubators and Brooders.
Sent on Request.



Rape

Dwarf Essex Rape for Winter Forage

In drills, 4 to 5 pounds to an acre; broadcast, 7 to 8 pounds. Lb., 30c; 5 to 10 lbs., 20c per lb.; 15 lbs., 15c per lb.; 100 lbs., \$12.50.

(No. 343) **DWARF ESSEX RAPE** is a crop well suited to Florida conditions. It is excellent for feeding hogs, dairy cows and sheep, as it will produce many tons of good, nutritious feed per acre at a time of the year when green feeds are scarce. Throughout a large portion of the state, farmers and stockmen could, with advantage, grow more of the succulent forage crops for feeding stock during the autumn and winter months, when the supply of grass and other green forage is often limited. Such crops may usually be grown on land that has already produced an early maturing crop. One of the best of these succulent crops is perhaps Dwarf Essex Rape—a plant closely related to the cabbage, turnip and mustard.

HOW TO PLANT.

Rape may be planted in drills or sown broadcast. If the ground is badly infested with seeds of noxious weeds, it will be better to plant in drills and give some cultivation. Rape is rather a slow grower at first, but after reaching the height of 3 or 4 inches, it grows rapidly. If planted in drills, the drills should not be more than 2 feet or 2½ feet apart. We think that more satisfactory results will be obtained if it is planted in drills, for the following reasons: First, there is less waste



Pure-bred Duroc Hogs at Roseland Farms

when pastured, as stock naturally walk between the rows, and so do not trample as many plants or leaves under foot. Second, less seed is required. Third, drilling permits cultivation, insuring larger yields. The amount of seed required per acre will vary from three to five pounds, according as it is planted in drills or sown broadcast.

The seed may be sown at any time from the fifteenth of September to the fifteenth of December. The farmers of West Florida will find it best to plant during the latter part of September, while those of Central and South Florida can plant later in the season.



Sheaf of Beggarweed



Lowland Seed Rice

**MARTIN'S HY-TEST SEEDS
ARE ALL THAT THE
NAME IMPLIES**

RICE

First, break and harrow land; in other words, put land in first-class order.

If land is to be irrigated, plant in drills 15 inches from center to center, 2 bushels to acre.

If not to be irrigated, plant in rows 2 feet apart, using a thimbleful of seed to the hill. Hills 1 foot apart.

Keep well cultivated as you would any other crop.

Our sales have doubled on Rice in the past two seasons.

(No. 344) **UPLAND RICE.**—Very popular crop. Should be cultivated on every farm in the South. Several years' experience has demonstrated the fact that Rice can be as successfully grown on high lands as elsewhere. Lb., 25c; 10 lbs., \$1.35; 40 lbs., \$4.50.

DIRECTIONS FOR PLANTING UPLAND RICE.—On lands that hold moisture well, plant anywhere. On dry or sandy land, Rice is planted in the low places. Prepare the land and cultivate as for corn, except the rows are only 22 to 24 inches apart, so that one furrow in each middle, with an 18-inch sweep, usually suffices for a working, and the hills just far enough so it can be hoed. Plant early in April. Furrows are opened and the seed covered in any way most convenient at the time, just so the seeds get a little dirt over them. Drop fifteen to twenty seeds in each hill and leave all that come up. Cultivate for moisture and to keep down grass and weeds until Rice begins to head. Ripens last of August or early in September. Color tells when ripe.

(No. 345) **LOWLAND RICE.**—Lb., 25c; 10 lbs., \$1.50; 40 lbs., \$4.75.

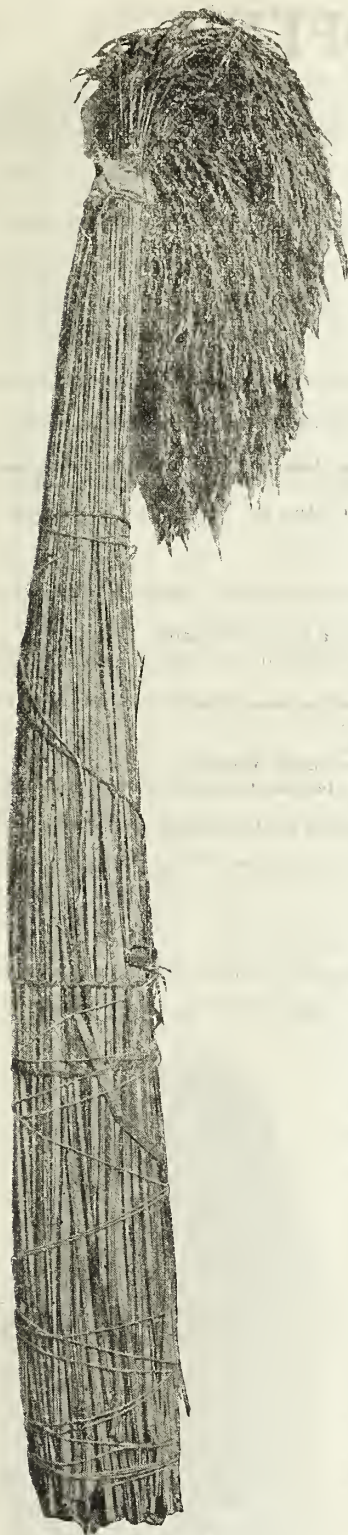
Giant Beggarweed or Florida Clover

Broadcast, 10 to 12 lbs. to an acre.

(No. 346) **GIANT BEGGARWEED, OR FLORIDA CLOVER.**—A crop of immense value for restoring fertility to worn-out or depleted soils. On sandy lands of the Southern States it is probably the most valuable forage plant which can be sown, besides being of immense benefit to the soil. Its growth is immense, sometimes attaining a height of 6 feet; is densely covered with leaves; yields both hay and pasturage abundantly, and is of high nutritive value, many farmers estimating its feeding value equal to clover. Sow any time after frost; if in drills, 3 feet apart, three to four pounds per acre, or broadcast, ten to twelve pounds per acre, covering 1 to 2 inches. If cut when 2 feet high, either for hay or green food, it will branch out from the roots, producing successive crops. Lb., 85c, postpaid; 5 lb. lots, 75c lb.; 25 lb. lots or over, write for prices. Write for special prices on large quantities.

Hog Goobers

(No. 347) **HOG GOOBERS.**—This is one of the greatest hog feeds there is. Comes in pods like peanuts, except that the pods are single; are very large—as large as the end of your thumb. Pods are thick on vines, peas inside are single. It is a hog crop; the taste of the pea is somewhat between that of the peanut and the field pea. They will not sprout in the ground, but they will remain there all winter. Average yield, fifty to seventy-five bushels per acre. They are generally planted in drills about 8 to 10 inches apart, and are planted with hull on, though they can be planted same as peanuts. It will take about three pecks to plant an acre, if drilled in rows about 3 feet apart. Write for prices in quantities 1 lb., 35c, postpaid; 5 lb. lots, 25c per lb., not postpaid; 10 lb. lots, 12½c per lb., not postpaid.



Upland Seed Rice



Beggarweed, or Florida Clover

COMBINE PROFIT AND PLEASURE

As a paying proposition, as well as a most enjoyable pastime, a vegetable garden should be considered, for 50c worth of seed will not only supply a good-sized family with vegetables the entire spring and summer, but leaves a surplus that may be sold at a good market price.

Much is being written every day in magazines and newspapers upon the advisability of reducing the cost of living. In no way can it be better

accomplished than by clearing up the waste places on the farm and in the garden and planting them with vegetables. A few cents expended in seeds, an hour or two of labor each week, will give surprising results. Even the back yard of a city or suburban residence can be transformed into a productive source of supply for the family.

PEANUTS FOR PROFIT

(No. 348) Prices, lb., 30c; 2 lbs., 50c. Write for prices in larger quantities.

The Peanut plant belongs to the same family of plants as do clovers, alfalfa and peas, and has the power, through the agency of bacteria in its roots, to draw nitrogen from the air for its own growth and to store it for crops to follow.

THE SOIL.—Peanuts do well on most soils that are well drained and do best on loose, sandy loam soils of medium fertility.

The soil should be prepared thoroughly as for any other crop, because this will make less work in taking care of the growing crop.

FERTILIZERS.—When barnyard manure is used it should be applied to the preceding crop in order that the peanuts may get the resultant effect.

Commercial fertilizer may be applied in the bed of the row just previous to the planting of the crop.

Apply 200 to 500 pounds per acre of a fertilizer containing 2% of nitrogen, 8% of phosphoric acid and 4% to 5% potash.

The per cent of nitrogen should be increased if a previous green manure crop has not been turned under.

Soils low in lime should receive an application of 500 to 600 pounds of lime to encourage proper ripening of the fruit.

VARIETIES.—There are two general types of peanuts; first, those with large pods, the North Carolina Runner and Virginia Bunch type; second, those with small pods, Spanish and Tennessee Red type.

The Virginia type are used chiefly for roasting purposes; the others are recommended for oil content and as a forage crop.

PLANTING.

SELECTION OF SEED.—Careful selection of seed is just as important with peanuts as with corn or cotton.

The best of the crop should be saved for seed and planted in a special seed patch.

An ideal plant should produce a large number of pods well filled with seed that are uniform in size, shape and color.

PREPARATION OF SEED FOR PLANTING.—The large pod varieties of peanuts are always shelled before planting, care being used not to break the seed covering.

Spanish peanuts may be planted with or without the pod.

To hasten germination soak the pods a few hours just previous to planting.

DISTANCE APART OF PLANTING.—Plant in rows 2 to 3½ feet apart, with the plants 6 to 12 inches apart in the row, depending upon the variety.

METHOD OF PLANTING.—Mark the field off in rows as in corn planting and use a one-horse planter similar to the one-horse cotton planter.

For hand planting open up the rows with a small shovel marker and drop in seed at proper distance. Cover to a depth of 1½ to 2 inches.

CULTIVATION.

Begin cultivation with a harrow as soon as crop is planted, as in corn.

After the crop is well up, start cultivating between the rows with a small-shoveled cultivator and keep the soil in a loose condition for pod setting.

It is desirable to force loose dirt with the cultivator up to the plant, but do not cover the vines.

HARVESTING.

Run an implement under the rows so as to cut off the plants just below the ground so they can be taken out by hand or with a fork.

Then turn a furrow away from the row on either side and remove the plants, placing them in windrows and later stack the vines in shocks about short poles.

These shocks should be so built that the pods are in the center and each shock should taper off toward the top and be capped with hay.

After the pods are dry, which takes at least two weeks, the pods are removed by hand or machinery. The hay is then used for feeding stock.

SMALL SPANISH PEANUTS

1½ bushels of unshelled Peanuts will plant an acre.

(No. 349) **SMALL SPANISH PEANUTS.**—In addition to their value for growing for the nuts, these are very largely used as a forage and fattening crop for hogs and other stock. They are early to mature, very productive and, in the South, where they can be planted, two crops can be made in a year, the tops making a hay crop and the nuts a grain crop. In harvesting, the nuts hang to the vine, and the tops and nuts are fed together to hogs, cows and horses as a whole grain ration. Spanish Peanuts grow in more compact form than the Virginia Peanuts, making it possible to grow them closer, making the cultivation easier also. The nuts are produced closer in a bunch, making them easy to save. While the nuts are smaller, they are very much sweeter and of finer flavor than the larger sorts, and the "pops" so common in large varieties are seldom found in the Spanish. These and Chufas are two of the best crops in the South for fattening hogs, and no Southern farm, where stock is raised, should be without them. Price on application.

The North Carolina Runner and Small Spanish are planted for hog feed. The Improved Spanish or Valencia is planted for parching or the vendor trade. We are large contractors. Prices on application.

E. A. MARTIN SEED CO. GIVE NO WARRANTY, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, PRODUCTIVENESS OR ANY OTHER MATTER OF ANY SEEDS, BULBS, OR PLANTS THEY SEND OUT, AND THEY WILL NOT BE IN ANY WAY RESPONSIBLE FOR THE CROP. IF THE PURCHASER DOES NOT ACCEPT THE GOODS ON THESE TERMS, THEY ARE AT ONCE TO BE RETURNED AND ANY MONEY PAID WILL BE REFUNDED.



Improved Valencia Peanuts



North Carolina, or Runner Peanuts

Planting Instructions

Many of our customers do not realize the importance of giving trees a little care upon arrival. Keep the instructions given below in mind.

Failure to get satisfactory results in planting trees received from the Nursery can be largely avoided if a few simple rules for pruning and planting are observed. In most cases, failure may be traced to a lack of knowledge of the care of trees upon arrival, proper pruning and planting. On arrival of the trees from the Nursery, if unable to plant immediately, and if the trees are dug without a ball of earth intact (balled and burlapped), they should be taken from the bale or box at once, counted and the individual tree examined. Should there be a shortage, an undergrade or an unauthorized substitution, it should be reported directly to the general offices immediately. The trees and plants should immediately be heeled in a well-drained, moist piece of sandy ground, in order that the soil may thoroughly pulverize between the roots. Pack the earth thoroughly around the roots with your feet. Water freely and frequently, until the trees are planted.

If the trees are balled and burlapped, take them from the crates or other containers as soon as received, set them in a shady place, and cover the balls with earth, or wet straw, or litter.

In Orchard Planting, the ground should be thoroughly broken, pulverized, harrowed, leveled, surveyed, or laid off with a small stake standing where each tree is to be planted. For the home ground, or yard, the ground should be well spaded and pulverized.

Do not use unrotted stable manure or compost fertilizer when trees are planted. A few pounds of bone meal or a few shovels full of well-rotted stable manure can be used at the bottom of the hole with good results at the time trees are planted. Best results with unrotted manure are attained by using it as a mulch, after the trees are planted. Commercial fertilizer should be used when trees start to bud out. It is applied by digging a trench around the tree or plant, a few inches past the end of the newly-planted roots. Then fill trench to cover the fertilizer.

PRUNING ROOTS AND TOPS.—All broken and mutilated portions of roots should be cut off, so as to leave smooth, sound ends. Some people prefer to leave the tops unpruned, until after the trees are planted, in order that the particular buds they want to grow might not get broken off while planting. Severe pruning is advised and, in most instances, one-third of the tops should be removed. In some cases, it is absolutely necessary to prune, and this is therefore done before the trees leave the nursery. Some of the stock which we consider absolutely necessary to prune before shipping, are Roses, Citrus Stock, and some Broad-Leaf Evergreen Trees, i. e., when these roots are handled bare-rooted. You should, under no circumstances, wait several days after trees are planted to prune, as the top left is exhausting moisture and strength from the body and roots of the trees. Special, illustrated, and detail instructions for planting and pruning given in Griffing's Service Bulletin No. 51.

PLANTING THE TREES.—We recommend using a planting board about 1 by 4 inches, 6 feet long. Cut a notch 1 inch square in the center of the board, then bore a 2-inch auger hole in each end of the board, using a round stake, about 1 foot, in these holes. Then place the notch in the board where the stake is set for the tree. Lift one end of the planting board off the round stake, take away the tree stake, dig your hole large enough for the tree roots to spread out without cramping

them. Then place the board back over the open hole over the round stake, and take your tree in one hand, holding it in the notch on the board and holding the top root to the tree close under the board (to prevent planting too deep), spread out the roots in their natural position with the other hand. Fine, moist, pulverized earth should be sifted in and worked around the roots, after which pour in from one to three buckets of water, according to the size of the tree. Use water whether the ground is moist or not; it pulverizes the lumps and settles the soil around the roots more thoroughly than through any other method. If trees are planted in coarse, sticky, clay soil, it is advisable to use some sand or top loamy soil when bare-rooted trees are planted. After the water has soaked away, place from 2 to 4 inches of soil above the level of the land and tramp it down thoroughly; the harder it is packed the better for the trees. After the earth is thoroughly packed around the trees, mulch with manure, grass or litter, to a depth of from 3 to 5 inches.

PLANTING BALLED AND BURLAPPED TREES, AND TREES THAT HAVE BEEN GROWN IN POTS.—Dig the holes large and deep enough to admit the ball of earth held in place by the burlap or other wrapping, so that general level of the surface is even with the top of the ball, without disturbing or removing the burlap, as it will decay in moist earth by the time roots are ready to penetrate it. Do not crumble or disturb the earth in the ball. After this is done, fill in rich, moist, well-pulverized earth around the ball, water freely and pack firmly; rake loose earth around the tree and mulch if material is available.

PROTECTING THE TREES.—If trees are planted near the walks or drives, or where cattle are likely to rub them, place posts about the trees until they get thoroughly established.

SHAPING THE TREES.—When the new growth starts, there should be from three to five limbs allowed to grow on most fruit trees, keeping the other sprouts off as they start growth. After these new branches have grown out from 1 to 1½ feet, the ends should be pinched off and forced to branch again. This should be done several times during the first summer and the results will be—the trees will have pretty uniform shapes. Evergreen trees and shrubs should be forced to branch low to the ground and kept headed back frequently.

CULTIVATION.—Unless kept thoroughly mulched as recommended, the soil should be kept loosened up around newly planted trees from 2 to 3 inches deep, about three or four times during the first summer, either by means of a cultivator or by hand. Surface drainage should always be thorough and a basin or water puddle should never be allowed to form about the trees. For further cultivation instructions, see Griffing's Bulletin No. 51.

INSECTS AND DISEASES.—No plant exists that does not, in some manner, furnish food for something else. Hence, all trees, plants, etc., are subject to attacks from insects and fungi. See our Bulletin No. 51 for remedies.

Don't neglect your trees by planting crops, flowers, etc., too near them.

Don't drive over them and let stock eat them and break them down. (In some cases, people want us to replace the stock when this happens.)

QUESTIONS.—As to future care and management of trees, recipes for spraying, etc., not covered on this page, will be answered for our customers to the best of our ability.

WE SUBSTITUTE UNLESS INSTRUCTED TO THE CONTRARY, but never until the varieties ordered are exhausted. If you do not want us to substitute in case we are out of the varieties or sizes ordered, write the word "no" here , in which case we will refund for shortage.

Carelessness has no place on a fruit farm. Proper care in handling young trees, and relying entirely on Martin's Hy-Test Products, will start any ambitious farmer in a most profitable industry.

PECANS



Pecans Producing Food and Affording Shade in What is Usually Waste Space

CURTIS.—Tree vigorous; open growth; bears at early age; thin shell; cracking quality exceptionally good; plump kernel of rich quality.

STUART.—Attractive symmetrical growth; very regular bearer; uniform size and shape; large and plump; well-filled shell of medium thickness.

SUCCESS.—Size large to very large; shell moderately thin; kernel usually plump; quality rich; flavor good.

Each year's progress in the growing of budded or grafted Pecans throughout the cotton belt section of the South is proving more conclusively that Pecan growing is sure and profitable. As the industry progresses, new lights and new facts are being brought out, both as to varieties, yield, methods of planting, and cultivation.

From 2 to 4 pounds per tree, 6 years from planting, with a gradual average increase up to 25 to 30 pounds in the tenth year is a fair average of the production of the well-tended groves throughout the South. Many trees are yielding far in excess of this, but believe the foregoing to be a fair average.

PRICES OF PECAN TREES.

	Each	10
2 to 3 ft.....	\$1.00	\$ 9.00
3 to 4 ft.....	1.35	12.00
4 to 5 ft.....	1.75	15.00

VARIETIES RECOMMENDED.

BRADLEY.—Size large, kernel plump, cracking quality excellent, meats rich and oily. Comes into bearing young and is prolific.

SCHLEY.—One of the best known of all varieties. Thrifty, strong, symmetrical growth; kernel plump. The Schley has no superior in quality, richness of flavor or appearance.

TECHE.—Bears very young; medium size; good quality; a profitable, practical variety.

VAN DEMAN.—One of the most attractive in appearance; very rich and well-flavored; medium to large, elongated.

PEACHES

PEACHES FOR THE HOME should be the first thought of every farmer, of every suburban home-owner, of everyone having a lot or garden in town large enough for a few trees. No fruit is more healthful, no fruit will afford so much pleasure and profit for a small outlay.

	Each	10
2 to 3 ft., Small	\$0.50	\$3.75
3 to 4 ft., Medium .....	.65	6.00
4 to 5 ft. Standard .....	.90	7.50

VARIETIES FOR PENINSULA OF FLORIDA.

Varieties where name is followed by (?) are strong growers and heavy producers, but bloom very early, therefore some seasons may be injured by late frosts, and are safest planted in Central and South Florida, where they should be extensively used.

ANGEL, FREESTONE.—White flesh, juicy, acid. July 1st.

BIDWELL'S EARLY (?)—Very early, tinted carmine, cling. May 15th.

FLORIDA CRAWFORD.—Flesh yellow, red at pit, freestone. July 20th.

FLORIDA GEM.—Flesh white, juicy, fine flavor, freestone. June 15th.

GIBBON'S OCTOBER.—Tinged red, freestone. October 1st.

HALL'S YELLOW.—Large, yellow, freestone. July 1st.

HONEY.—Creamy-white, tinted red, freestone, sweet. June 5th.

JEWELL.—An early and most valuable variety for planting throughout Central and South Florida. Medium size, roundish oblong, small point, light yellow. Rich, juicy, melting.

MIAMI (?)—Originated at Miami. Of great value for extreme South Florida planting. Large, creamy-yellow. May 15th.

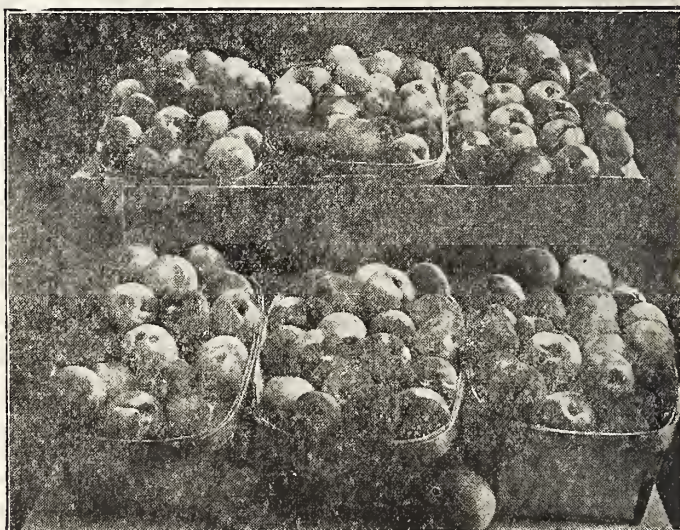
PEENTO (?)—One of the best for extreme South. Flat, cling. May 10th.

POWER'S SEPTEMBER.—White, freestone. September 10th.

RED CEYLON (?)—Flesh blood-red, freestone. May 10th.

WALDO.—Medium, yellowish-red, fine grained, juicy, freestone. June 1st.

Varieties for the heavier clay lands of North and West Florida, South Georgia, in the Gulf Coast sections and to the north:



Jewell Peaches, Florida's Moneymaker

BELLE OF GEORGIA.—Large, showy, clear creamy-white, tinted red. Flesh white and firm, excellent quality. Freestone. July 1st to 15th.

CARMAN.—Large, creamy-white, tinted red, freestone. June 20th.

CHINESE CLING.—Very large, white, tinted red. July 15th.

ELBERTA.—Large, rich yellow, red cheeks. July.

GREENSBORO.—Large, bright red, flesh white, semi-cling. One of the best. June 1st.

MAYFLOWER.—Large, highly-colored, semi-cling. Very early.

NIX'S LATE.—White, highly-flavored, cling. September.

LOQUATS

A conspicuously attractive, medium-size evergreen tree of very symmetrical, spreading growth. The foliage is dark, rich green on top with slight velvety appearance below. Leaves are very large, measuring 2 to 3 inches across and 6 to 8 inches long. A most beautiful ornamental tree for the garden or lawn. In addition to its other good qualities, the

loquat tree bears heavy annual crops of deliciously sprightly, sub-acid, plum-shaped and sized fruits which are splendid for making jellies.

	Each	10
1½ to 2 feet, Light	\$0.50	\$4.50
2 to 3 feet, Medium .....	.65	6.00

FIGS

No fruit is more valuable in the South than the fig. They should be planted at every kitchen door or around outbuildings, as they grow especially well where roots may run under buildings. A few trees of well-selected varieties will supply fresh table figs from May till late fall.

PRICES OF FIG TREES.

	Each	10
1 to 2 feet, Light	\$0.35	\$3.00
2 to 3 feet, Small .....	.50	4.50
3 to 4 feet, Medium .....	.65	6.00
4 to 5 feet, Standard .....	.90	8.00

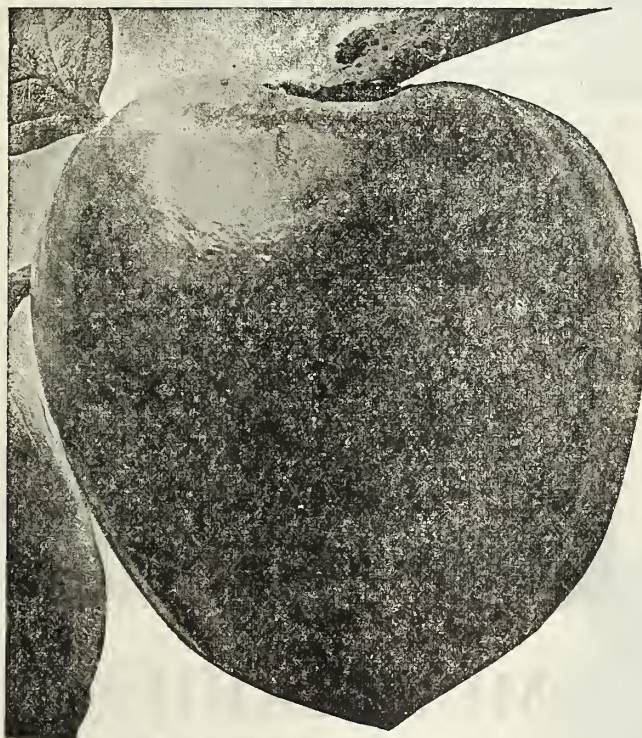
DESCRIPTION OF FIGS.

BROWN TURKEY.—Medium to large; yellowish-brown; pulp tender, rich, and of the finest quality; borne on long stems, allowing fruit to hang blossom end down at maturity, preventing souring in rainy weather.

BRUNSWICK.—Very large, purplish-black, shading to dark red near stem; flesh rich, firm, good quality; early bearer; ripens throughout the season; productive. Free grower.

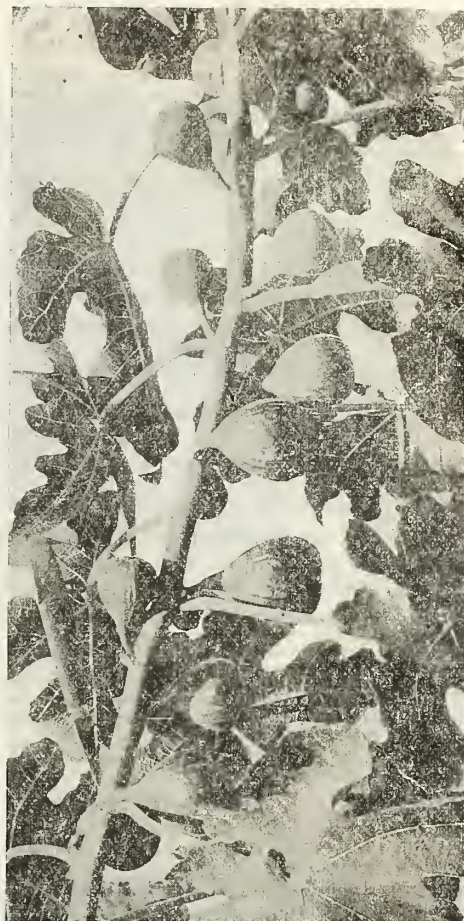
CELESTIAL.—Sometimes called Little Sugar Fig; the sweetest of all varieties. Is found growing in most every dooryard in the coast country, proving its adaptability. Ripens in mid-season.

GREEN ISCHIA.—Light, transparent green; flesh white, shading to crimson around seed cells. Best extremely late fig. One of the earliest bearing, steadiest; prolific.



Tane Nashi Persimmon. Leading Market Variety

DONT FAIL
TO
INCLUDE
A FEW
FRUIT TREES
IN YOUR
ORDER



Figs

PERSIMMONS

The Persimmon is destined to become one of the leading fruits of the cotton belt and lower South. This may seem an extravagant statement, but as soon as there is enough of the fruit on the market for the people to learn the richness and deliciousness, the demand will increase far in excess of the supply.

PRICES OF PERSIMMONS, ALL VARIETIES.

	Each	10
1½ to 2 feet, Small	\$0.35	\$3.00
2 to 3 feet, Light .....	.50	4.50
3 to 4 feet, Medium .....	.65	6.00
4 to 5 feet, Standard	1.00	8.50

VARIETIES JAPANESE PERSIMMONS.

GAILEY.—The pollinating variety to be planted among other varieties; one to every seven or eight is recommended.

HACHEYA.—Very large, oblong, conical with rounded point. Reddish-yellow. Tree vigorous and attractive. One of the best for general planting.

HYAKUME.—Large to very large, varying from roundish-oblong to roundish-oblate, flattened at the ends; skin light bluish-yellow; flesh light brown; sweet, crisp and meaty even while hard. A splendid persimmon.

OKAME.—Large, usually oblate; dark red and attractive. Yellow flesh and a few seeds. Very vigorous, sturdy; lives to very old age.

TANE NASHI.—The best known and most generally popular variety. Quite large, conical, pointed, smooth and symmetrical. Early bearer, early ripening and productive. Seedless.

TSURU.—Long pointed variety; bright red; flesh orange color with darker coloring near the seed. Prolific. Very late.

PEARS

The Pear is desirable and finds its greatest market value for canning and preserving. The pear is the most economical of all fruits that can be grown for hogs during the summer and early fall. Every home should have a few pear trees and every farm a pear orchard.

PRICES OF PEAR TREES.

	Each	10
2 to 3 feet, Small	\$0.50	\$4.50
3 to 4 feet, Medium .....	.75	6.50
4 to 5 feet, Standard	1.00	8.50

VARIETIES RECOMMENDED.

KIEFFER.—Large to very large. Yellow with bright red cheek. Juicy, brittle, good quality. September and October. The universal business pear for interior sections of the South.

LE CONTE.—Very quick, strong grower, early bearer. Fruit large, pale lemon-yellow. Good shipper and good market variety.

SAND PEAR.—This is the one pear which is an absolutely certain crop in the South. The trees are incomparably vigorous in growth; attain an enormous size and never fail to bear an almost wonderful crop. We know of some trees bearing 25 to 30 bushels annually. Absolutely free from blight. Very large, juicy, semi-acid. Excellent shipping qualities. A good market fruit.

DO IT NOW. Putting off ordering seed early ruins thousands of gardens every year. Order now and you will have them sure. Prices on application.

GRAPES

Every home in the South should have a shade arbor of some strong growing variety of grapes. There is nothing better for a shade arbor for children to play under or anyone to rest on hot summer days, and if the right varieties are planted there will be an abundance of fruit for many weeks in summer and fall.

PRICES OF ALL VARIETIES OF GRAPES.

	Each	10	100
1 year, small size	\$0.50	\$4.50	\$40.00
2 year, medium size .....	.75	6.50	60.00
3 year, large size	1.00	9.00	80.00

TRELLIS OR BUNCH GRAPES.

CONCORD.—Well-known variety; blue-black; one of the best; good for shade arbors.

DELAWARE.—Standard market grape; bunch solid; medium size; pinkish-red.

IVES.—Thrifty, productive; good shipper; large bunch; berry large, black, pulpy, sweet; good wine grape; good for shade arbors.

MOORE'S EARLY.—Small bunch, large fruit; blue-black, pulpy, sweet and of good quality.

NIAGARA.—White, large, showy; splendid quality.

SOUTHERN MUSCADINE GRAPES.

SOUTHERN MUSCADINE.—Native Southern type. A popular grape on all Southern markets. Makes very fine wines and grape juice. Well adapted throughout the South. Vines should be planted 20 to 25 feet apart and trained on flat arbor about 6½ feet high. If the Scuppernong type of grapes were produced in sufficient quantity to supply the Southern markets during their season of August, September and October, there would be very little demand for any of the bunch grapes in competition with them. All Southern people know and love these grapes best of all. We recommend them highly for Southern markets and believe they could be made as popular in the North if produced in quantity and properly introduced there.

EDEN.—Large, black, fine-flavored grapes; fine for wines or grape juice.

FLOWERS.—Large, splendid quality; very late; black.

JAMES.—Large, black; delicate flavor; large cluster; early bearer; most robust vines of the black Scuppernong type; fine quality, productive, free from disease; late.

MEISCH.—New variety; medium size; earliest of this type; delicate, rich, splendid flavor.

SCUPPERNONG.—Large, bronze-colored berry; flesh sweet, pulpy and vinous. The most popular grape on the Southern market. Supply is seldom equal to the demand. Vines produce abundantly.

THOMAS.—Small cluster, medium size; very fine quality. Grape juice from this variety is rich and of pleasing flavor.



Plums

PLUMS

PLANT PLUMS IN POULTRY YARD.

The clean, packed ground and high percentage of nitrogen in the chicken manure seem to be just what the trees require. The trees give right amount of shade during summer and admit sunlight during winter.

PRICES OF PLUM TREES.

	Each	10
2 to 3 feet, Small	\$0.50	\$4.50
3 to 4 feet, Medium .....	.75	6.50
4 to 5 feet, Standard	1.00	8.50

DESCRIPTIONS OF PLUM TREES.

ABUNDANCE.—Medium to large, round, pointed; greenish-yellow. Sub-acid, slight apricot flavor. Rich and good.

BURBANK.—Very large; clear, rich red, showing yellow dots. Flesh deep yellow, firm and mealy.

EXCELSIOR.—Remarkably strong grower, fruit medium to large size; reddish-purple; flesh firm, yellowish. A most valuable Southern plum. A cross between the large Japanese varieties and native Southern plum, giving it large size and assurance of adaptability. Ripe in May.

GONZALES.—Very large, red, good shipper, fine quality. Originated in South Texas.

HAPPINESS.—Very large, glowing red; flesh firm, rich, juicy; exquisite flavor. A very profitable plum. June 15th.

KELSEY.—The largest plum grown; heart-shaped; greenish-yellow, spotted with reddish-purple. Flesh fine, solid, rich and juicy. June to July.

McCARTNEY.—Very early, oblong, transparent-yellow; strong grower, productive. The largest and most reliable yellow plum for planting in lower South.

RED JUNE.—Vigorous grower; prolific; medium to large; deep vermilion-red, showy. Flesh light lemon-yellow, slightly sub-acid. June.

STUMP, OR HOWE.—Heavy bearer; medium large; dark, rich red. Originated in Florida and has given exceptional results wherever planted in the lower South. Ripe in May.

TERRELL.—Large, nearly round, reddish-yellow, wine-red when fully ripe. Very fine quality. June.

WICKSON.—Large, deep maroon-red; flesh firm; deep amber-yellow; small pit. Ripe in July.



MULBERRIES

MULBERRIES

The Mulberry is one of the most desirable trees for shade and protection of stock when planted around the farm buildings, along lanes and in the hog, poultry or young stock pasture.

AS A FOOD FOR HOGS the Mulberry is of inestimable value. Thirty full-bearing mulberry trees equally divided between the Merritt variety, which commences ripening early in April, and the Hicks Everbearing variety, which commences ripening about the time the Merritt crop is over, will feed from 35 to 40 head of hogs and pigs for a period of eight or ten weeks, during a season when hog feed is the scarcest on the farm.

PRICES OF MULBERRY TREES.

	Each	10	100
2 to 3 feet, Light	\$0.50	\$ 4.50	\$35.00
3 to 4 feet, Medium .....	.65	6.00	50.00
4 to 5 feet, Standard .....	.90	8.50	75.00
5 to 7 feet, Large	1.25	10.00	85.00
7 to 9 feet, Extra Large	1.50	12.50	.....

DESCRIPTION OF MULBERRIES.

HICK'S EVERBEARING.—Enormous bearer; fruit ripening three months annually; splendid hog and poultry feed. A few trees will feed a number of hogs for a period of eight or ten weeks.

MERRITT.—The earliest variety; berries very large and full. Rank grower, bears early. The best variety in this list. Ripe in April, giving poultry and hog food during April and May. No farm is complete without some Merritt Mulberries.

ROSES



Mrs. Dudley Cross

Everyone should plant roses. There is no home, worthy of the name, where space could not be found for from ten to one hundred rose bushes. If a renter, plant roses; you will get returns in beautiful flowers in from two to three months. If a flat dweller, and you have three or more windows, you can plant ten or more rose bushes in window boxes. The results will be a delight, and you can move the window boxes with other personal belongings, when moving day comes around. If a home owner it matters not how pretentious or humble, nothing can make it more home-like, more attractive and inviting than a well-selected rose planting. If a landlord, there is no improvement that can be made at so small an expenditure that will so quickly enhance the rental value and desirability of property, insuring permanent tenants, as a good rose planting.

PRICES OF ROSES, STRONG FIELD GROWN.

	Each	10
1 year, Strong	\$0.65	\$6.00
2 year, Large .....	.75	7.00

CLASSIFICATION.—Roses are descended from several distinct classes or families, and the following key will enable one to find to which strains or classes each belongs. (H. P.) Hybrid Perpetual. (H. T.) Hybrid Tea. (Bour.) Bourbon. (Beng.) Bengal. (N.) Noisette. (Poly.) Polyanthus. (H. Ch.) Hybrid China. (H. N.) Hybrid Noisette. (T.) Tea. (Cl.) Climber. (H. W.) Hybrid Wichuraiana.

BUSH ROSES.

BRIDE (T.)—Most dainty, pure white, with exquisitely beautiful long pointed buds borne on stiff, upright stems. Vigorous on strong land.

BURBANK (Bour.)—Splendid symmetrical-formed cherry-colored blooms. Good grower and very free bloomer. Upright, bushy top.

DUCHESS DE BRABANT (T.)—One of the best all-round roses ever introduced. Healthy grower in constant bloom all the year. Beautiful cup-shaped blooms of delicate, bright shell-pink. Large, spreading growth.

EUGENE MARLITT (Bour.)—A grand garden rose—none better, being exceptionally healthy, vigorous and free-blooming. Flowers large, very double, a rich, bright crimson; fragrant.

ISABELLA SPRUNT (T.)—Lemon-yellow. Buds beautifully formed. Good grower and free bloomer. Spreading habit.

JOSEPH HILL (H. T.)—Salmon-yellow with pink edges; long buds and full flowers of good substance. Small, upright growth.

LA DEROIT (H. T.)—Soft, velvety rose, beautiful long buds opening up well. Medium, upright growth.

LOUIS PHILLIPPE (Beng.)—Another old favorite. In bloom all the year, and this endearing quality with the rich, velvety crimson of its blooms perpetuate its name among rose lovers. A bed of these is always bright. Strong spreading habit.

MAD. DE WATTEVILLE (T.)—Creamy-white, double, fragrant blooms. Good grower and bloomer. Spreading habit.

MAD. JOSEPH SCHWARTZ (T.)—Much the same style of growth and bloom as Duchess de Brabant and is sometimes called the White Duchess. Dainty, cup-shaped blooms of silvery-white, softly shaded, most delicate pink. Very free bloomer. Vigorous, spreading habit.

MARIE VAN HOUTTE (T.)—One of our best varieties. Exquisitely beautiful, pale canary-yellow shading to creamy-white, with edges tinted pale rose. Strong, sturdy grower; constant bloomer. Most desirable. Spreading habit.

MINNIE FRANCES (T.)—Rich, chamois-red, shading to velvety crimson. Most vigorous grower of any we have ever known, making quite a shrub in two or three seasons; covered with bloom all the year. Buds daintily long and pointed.



Radiance

ROSES—Continued



WELLESLEY (H. T.)—A beautiful shade of pink, the outside of petals being very bright pink in color and reverse of silvery shadings. Healthy, strong, upright grower.

WINNIE DAVIS (T.)—Soft, apricot-pink, shading to flesh tints. Very double, resembling a camellia when open. Splendid bloomer and vigorous grower. Tall, spreading habit.

CLIMBING ROSES.

CHROMATELLA (N.)—Sometimes called Pillar of Gold. One of our best yellow climbers. Clear, deep yellow with sulphur edgings. Full and fragrant. Vigorous climber and good bloomer.

CLIMBING AMERICAN BEAUTY (H. N.)—A seedling of American Beauty crossed with Wichuraiana. Same size, color and fragrance as American Beauty, and a vigorous climber. Good foliage and profuse bloomer.

CL. BABY RAMBLER (Poly.)—An everblooming true Crimson Rambler. Foliage never mildews; always clean and bright.

CL. BRIDE (Cl. T.)—A vigorous climbing form of the well-known Bride.

CL. BRIDESMAID (Cl. T.)—Much the same as the bush Bridesmaid. A good, vigorous climber.

CL. CAROLINE TESTOUT (Cl. T.)—Vigorous climber, producing abundance of large, cup-shaped blooms of most beautiful delicate pink color. No collection is complete without this splendid variety.

CL. CLOTHILDE SOUPERT (Cl. Poly.)—White with delicate flesh tones. Very double and most fragrant. Blooms in clusters.

CL. DEVONIENSIS (Cl. T.)—Sometimes called the Magnolia Rose, as the blooms are so large and petals so thick and waxy, and the fragrance is so distinctly different from other roses. White, tinged with the most delicate pink. Exquisitely beautiful long-pointed buds, surrounded by beautiful foliage. Strong climber.

CL. HELEN GOULD (Cl. H. T.)—A perfect Helen Gould that is a strong climber, with handsome foliage.

CL. KILLARNEY (Cl. H. T.)—An exact counterpart of Killarney in every respect, except that it is a vigorous climber; deep shell-pink.

CL. LIBERTY (Cl. H. T.)—Brilliant velvety-crimson; large, beautifully formed flowers; a good climber.

JAMES SPRUNT (Cl. Beng.)—Rich crimson. Very full and sweet. Popular climber. Good bloomer.

MARECHAL NIEL (RED), (Cl. N.)—A sport of the ever popular Yellow Marechal Niel, with most of its habits and characteristics except the color, which is fine pinkish-red, shading to ochre.

REINE MARIE HENRIETTA (Cl. T.)—Bright cherry-red. Fine buds opening into large, delicately-scented blooms. Supposed to have been produced from General Jacqueminot and perpetuates that variety's best qualities. Vigorous climber and good bloomer.

SOLFATARE (Cl. N.)—Fine, clear sulphur-yellow; very fine, large, shapely bud, with full double open flower. An old favorite climber.

WILLIAM ALLEN RICHARDSON (Cl. N.)—Very deep orange-yellow, medium size, extremely showy and distinct. A good and well-known climber.

ZELIA PRADEL (N.)—Dainty, pure-white buds borne in clusters. Delicately fragrant. Half climber. Old favorite in the South.



Flower Garden

Seasons and Dates for Planting Vegetables and Other Crops in Florida

The following lists include what experience demonstrates can be successfully grown each month as the season most suitable for each variety comes around in the several sections of the state.

However, as the seasons vary and differ according to the climate or the locality, one's own experience or that of some successful neighbor is the best guide for planting that can be suggested.

NORTH AND WEST FLORIDA.

January.—Asparagus seed, Brussels Sprouts, Cabbage seed and plants, Cauliflower seed, Collards, Leek, Lettuce, Mustard, Onion sets, Radishes, Rape, Spanish Onion seed, Tomato seed, Turnips.

February.—Asparagus seed, Early Corn, Brussels Sprouts, Cabbage, Carrots, Collards, Eggplant seed, English Peas, Irish Potatoes, Kale, Leek, Lettuce, Onions, Parsley, Parsnip, Pepper seed, Rutabagas, Salsify, Beets, Spinach.

March.—Beans, Beets, Brussels Sprouts, Cantaloupes, Carrots, Collards, Cowpeas, Cucumbers, Early Corn, Eggplant, English Peas, Irish Potatoes, Kale, Kohlrabi, Leek, Okra, Parsley, Parsnip, Pepper, Pumpkin, Radish, Rape, Rutabagas, Salsify, Squash, Sugar Corn, Watermelons, Tomatoes, Turnips.

April.—Beans, Cantaloupes, Cowpeas, Cucumbers, Eggplant, English Peas, Irish Potatoes, Kohlrabi, Lettuce, Okra, Parsley, Parsnip, Peppers, Pumpkins, Radishes, Rutabagas, Squash, Sugar Corn, Sweet Potatoes, Tomatoes, Turnips, Watermelons.

May.—Beans, Butter Beans, Cantaloupes, Cowpeas, Cucumbers, Eggplant, Okra, Peppers, Pumpkins, Squash, Sugar Corn, Sweet Potatoes, Tomato plants and seed, Watermelons.

June.—Butter Beans, Cowpeas, Eggplant, Peppers, Squash, Sweet Potatoes, Tomatoes, Watermelons.

July.—Cowpeas, Eggplant, Parsley, Peppers, Pumpkin, Rutabagas, Squash, Sweet Potatoes, Tomato plants and seed, Watermelons.

August.—Beans, Beets, Cabbage, Cauliflower seed, Carrots, Cowpeas, Cucumbers, Collards, Eggplant, Irish Potatoes, Kale, Kohlrabi, Okra, Onions, Rape, Rutabagas, Salsify, Spinach, Squash, Tomatoes, Turnips, Celery seed.

September.—Beets, Brussels Sprouts, Cabbage, Carrots, Cauliflower plants, Celery plants, Collards, Cowpeas, English Peas, Irish Potatoes, Kale, Leek, Lettuce, Mustard, Onion sets, Parsnip, Radishes, Rape, Rutabagas, Salsify, Spinach, Turnips.

October.—Beets, Bermuda Onion seed, Brussels Sprouts, Cabbage, Carrots, Cauliflower plants, Celery plants, Collards, Kale, Leek, Lettuce seeds and plants, Mustard, Onion sets, Parsnip, Radishes, Rape, Spinach, Turnips.

November.—Beets, Brussels Sprouts, Cabbage seeds and plants, Carrots, Collards, Kale, Lettuce, Mustard, Onion sets, Parsnip, Radishes, Rape, Spinach, Turnips.

December.—Cabbage plants and seed, Collards, Leek, Lettuce plants and seed, Mustard, Onions, Radishes, Rape.

CENTRAL FLORIDA.

January.—Asparagus seed, Brussels Sprouts, Cabbage seed and plants, Cauliflower seed, Collards, Leek, Lettuce, Mustard, Onion sets, Radishes, Rape, Spanish Onion seed, Tomato seed, Turnips, Eggplant seed.

February.—Asparagus seed, Early corn, Beans, Brussels Sprouts, Cabbage, Cantaloupes, Carrots, Collards, Cucumbers, Eggplant seed, English Peas, Irish Potatoes, Kale, Leek, Lettuce, Onions, Parsley, Parsnip, Pepper seed, Rutabagas, Salsify, Spinach, Windsor Beans, Beets.

March.—Beans, Beets, Brussels Sprouts, Cantaloupes, Carrots, Cauliflower, Collards, Cowpeas, Cucumbers, Early Corn, Eggplant, English Peas, Irish Potatoes, Kale, Kohlrabi, Leek, Okra, Onion, Parsley, Parsnip, Pepper, Pumpkin, Radish, Rape, Rutabagas, Salsify, Squash, Sugar Corn, Watermelons, Tomatoes, Turnips.

April.—Beans, Cantaloupes, Collards, Cowpeas, Cucumbers, Eggplant, English Peas, Irish Potatoes, Kohlrabi, Lettuce, Okra, Onion plants, Parsley, Parsnip, Peppers, Pumpkin, Radishes, Rutabagas, Squash, Sugar Corn, Sweet Potatoes, Tomatoes, Turnips, Watermelons.

May.—Beans, Butter Beans, Cantaloupes, Collards, Cowpeas, Cucumbers, Eggplant, Okra, Peppers, Pumpkin, Squash, Sugar Corn, Sweet Potatoes, Tomato plants and seed, Watermelons.

June.—Butter Beans, Cabbage seed, Cauliflower seed, Celery seed, Cowpeas, Eggplant, Peppers, Squash, Sweet Potatoes, Tomatoes, Watermelons.

July.—Cabbage seed, Cantaloupes, Cauliflower seed, Celery seed, Cowpeas, Eggplant, Parsley, Peppers, Pumpkin, Rutabagas, Squash, Sweet Potatoes, Tomato plants and seed, Watermelons.

August.—Beans, Beets, Cabbage, Cauliflower seed, Carrots, Cowpeas, Cress, Cucumbers, Collards, Eggplant, Irish Potatoes, Kale, Kohlrabi, Okra, Onions, Rape, Rutabagas, Salsify, Spinach, Squash, Tomatoes, Turnips, Windsor Beans, Celery seed.

September.—Beets, Brussels Sprouts, Cabbage, Carrots, Cauliflower plants, Celery plants, Collards, Cowpeas, Cucumbers, English Peas, Irish Potatoes, Kale, Leek, Lettuce, Mustard, Onion sets, Parsnip, Radishes, Rape, Rutabagas, Salsify, Spinach, Squash, Turnips.

October.—Beets, Bermuda Onion seed, Brussels Sprouts, Cabbage, Carrots, Cauliflower plants, Celery plants, Collards, Kale, Leek, Lettuce seed and plants, Mustard, Onion sets, Parsnip, Radishes, Rape, Spinach, Turnips.

November.—Beets, Brussels Sprouts, Cabbage seed and plants, Carrots, Collards, Kale, Lettuce, Mustard, Onion sets, Parsnip, Radishes, Rape, Spinach, Turnips.

December.—Cabbage plants and seed, Collards, Leek, Lettuce plants and seed, Mustard, Onions, Radishes, Rape.

TAMPA, ORLANDO, TITUSVILLE AND SOUTHWARD.

January.—Beans, Beets, Brussels Sprouts, Cabbage plants and seed, Carrots, Cauliflower seed, Collards, Eggplant seed, Irish Potatoes, Kale, Kohlrabi, Lettuce, Mustard, Radishes, Rape, Spanish Onion seed, Spinach, Tomato seed, Turnips.

February.—Adams' Early Corn, Beans, Beets, Brussels Sprouts, Cabbages, Cantaloupes, Carrots, Cucumbers, Eggplant seed, Irish Potatoes, Kale, Lettuce, Okra, Onions, Pepper seed, Spinach seed, Spinach, Squash, Windsor Beans.

March.—Beans, Beets, Brussels Sprouts, Cantaloupes, Cauliflower, Cowpeas, Cucumbers, Early Corn, Eggplant, Irish Potatoes, Lettuce, Mustard, Okra, Onions, Pepper, Pumpkins, Radish, Squash, Sugar Corn, Tomatoes, Watermelons.

April.—Beans, Collards, Cowpeas, Cucumbers, Eggplant, Kohlrabi, Okra, Radishes, Squash, Sugar Corn, Sweet Potatoes, Tomatoes, Onion plants, Pepper, Pumpkins.

May.—Beans, Butter Beans, Cowpeas, Eggplant, Okra, Peppers, Pumpkin, Squash, Sugar Corn, Sweet Potatoes, Tomatoes.

June.—Butter Beans, Cabbage seed, Celery seed, Cowpeas, Eggplant seed, Peppers, Squash, Sweet Potatoes, Tomato plants and seed, Watermelons.

July.—Cabbage seed, Cantaloupes, Celery seed, Cowpeas, Eggplants and seed, Peppers, Pumpkins, Squash, Sweet Potatoes, Tomato plants and seed, Watermelons.

August.—Beans (snap), Cabbage seed, Cantaloupes, Carrots, Cauliflower seed, Collards, Cowpeas, Cucumbers, Eggplant, English Peas, Irish Potatoes, Kale, Kohlrabi, Lettuce, Mustard, Onions, Peppers, Pumpkins, Radishes, Rape, Rutabagas, Spinach, Squash, Swiss Chard, Tomatoes, Turnips, Windsor Beans.

September.—Beets, Brussels Sprouts, Cabbage plants and seed, Carrots, Celery seed and plants, Collards, Cowpeas, Cucumbers, English Peas, Irish Potatoes, Kale, Lettuce, Mustard, Onion sets, Radishes, Rape, Rutabagas, Spinach, Squash, Swiss Chard, Turnips.

October.—Beets, Bermuda Onion seed, Brussels Sprouts, Cabbage plants and seed, Carrots, Celery seed, Collards, Kale, Lettuce plants and seed, Mustard, Onion sets, Radishes, Rape, Rutabagas, Spinach, Swiss Chard, Turnips.

November.—Beets, Brussels Sprouts, Cabbage plants and seed, Carrots, Celery seed and plants, Collards, Kale, Lettuce, Mustard, Onion sets, Radishes, Rape, Rutabagas, Spinach, Swiss Chard, Turnips.

December.—Cabbage plants and seed, Celery plants, Collards, Lettuce plants and seed, Mustard, Onion sets, Radishes, Rape, Spanish Onion seed, Swiss Chard.

SELECTION OF SEEDS

While this list of seeds does not embrace all the numerous varieties that are advertised in the various catalogs of the country—many of which are obsolete, and the same seed often passing under half a dozen names—it does embrace all the leading standard varieties that have been tested and known to be adapted to our soil and climate.

Truck farming is a great industry in Florida. Each new season adds thousands of acres of her virgin soil to the production of vegetables for the Northern and Western markets, and as the time rolls on, experience will point the way to a success of greater magnitude than has hitherto been attained elsewhere.

A WORD FROM TAMPA, FLORIDA.

Your SLUG SHOT, of which I have used quite a little, is certainly fine for killing Red Spider, Aphis, Cut Worms, etc. I do a little gardening after office hours and have a great many fine trees and shrubs on my home place. I used SLUG SHOT and it helps materially on Asters, Tomatoes, Chrysanthemums, etc. I have quite a little trouble with Mildew on Roses, and I would like to have about twenty-five pounds. We are troubled with the Mildew mostly in the Spring and Fall months. Our Roses are generally outdoor stock.

Yours very truly,

(Signed)

HARRY PLAYER.

INSECTICIDES and FUNGICIDES

Poisons cannot be sent by mail—Either express or freight.

Never has there been a time when it was so necessary to properly conserve and protect fruit and vegetable crops as today.

Every facility that science commands should be brought into use to combat the multitude of insect pests and fungous troubles which now make it impossible to successfully grow truck crops, and insure sound, healthy fruit and vegetables without timely and proper spraying.

To meet the increasing demand for dependable spraying materials we have enlarged this department of our business, and we now carry a full and complete line of insecticides, fungicides, etc., of proven merit, and we are prepared to supply our customers with the spraying materials, also spray pumps and other equipment needed for successfully fighting all insect pests and plant diseases. Every grower should keep in mind that to "Spare the spray spoils the fruit."

PARIS GREEN.

Of the many spray poisons on the market, Paris Green is probably the oldest and most used. It is especially effective against the potato bug, and in poisoned bait for cutworms, mole crickets, etc. For spraying use 1 to 2 teaspoonfuls to one gallon water. For bait use 1 tablespoonful to one quart shorts or bran, mixing with syrup. Prices, $\frac{1}{4}$ lb., 40c; $\frac{1}{2}$ lb., 70c; 1 lb., \$1.00; 2 lbs., \$1.90; 5 lbs., \$4.50. Not mailable.

DRY POWDERED ARSENATE OF LEAD.

This preparation has maximum killing power, speedy action and unquestionable effectiveness in controlling leaf-eating and chewing insects. It may be used on tender plants without burning the foliage, and its adhesiveness causes it to cling a long time. For seed fruits and truck crops use 3 to 4 level tablespoonfuls to one gallon water. For stone fruits use 2 to 3 tablespoonfuls to one gallon water. Prices, $\frac{1}{2}$ lb., 40c; 1 lb., 70c; 5 lbs., \$3.25; 10 lbs., \$5.75. Not mailable.

DRY LIME-SULPHUR.

The use and success of Lime-Sulphur Solution is known to practically every fruit grower in the country, and every grower is also familiar with the inconvenience and unpleasantness of handling Liquid Lime-Sulphur. Dry Lime-Sulphur is Standard Lime-Sulphur Solution in dry powdered form, having all the advantages of the liquid material, but eliminating its disadvantages. Its effectiveness has been proven by many large fruit growers. For dormant spray use 8 to 10 level tablespoonfuls to one gallon water. Summer spray for Seed Fruits, 1 to 2 tablespoonfuls; Summer Spray for Stone Fruits, $\frac{3}{4}$ to 1 tablespoonful. Prices, 1 lb., 35c; 5 lbs., \$1.35; 10 lbs., \$2.50.

TUBER-TONIC.

Dry Powdered Tuber-Tonic is a combination spray, having the desirable quick-killing properties of Paris Green, the adhesiveness of Arsenate of Lead, and the fungus preventive qualities of Bordeaux Mixture. Many large potato growers have used Tuber-Tonic with splendid results. Use 8 to 9 level tablespoonfuls to one gallon water. Prices, $\frac{1}{2}$ lb., 40c; 1 lb., 75c; 5 lbs., \$3.50; 10 lbs., \$6.00.

FUNGI-BORDO.

Dry Powdered Fungi-Bordo is a true Bordeaux Mixture in dry powdered form, requiring only to be mixed with cold water to give a standard Bordeaux Mixture spray. The convenience of having Bordeaux Mixture in dry powdered form will be instantly recognized by all fruit growers. Use 7 to 8 tablespoonfuls to one gallon water. Prices, 1 lb., 45c; 5 lbs., \$2.00. Not mailable.

INSECTO.

Dry Powdered Insecto is a combination of Bordeaux Mixture and Arsenate of Lead, developed especially to save the grower the time and trouble of making up and combining Bordeaux Mixture and Arsenate of Lead Mixture. It is especially recommended for fruit trees, garden crops and potatoes. For general Truck Crops and Seed Fruits, use 8 to 9 level tablespoonfuls to one gallon water. Stone Fruits, 5 to 6 tablespoonfuls to one gallon water. Prices, 1 lb., 60c; 5 lbs., \$2.75; 10 lbs., \$5.00.

LIQUID BORDEAUX MIXTURE.

(In pulp.) The common fungicide, used to repel such insects as flea-beetles, etc., and in combination with certain arsenicals, makes a spray that will kill both fungi and biting insects. Tobacco may be mixed with Bordeaux to kill sucking insects. Price per one quart can, 75c.

PHENOLA.

A combined white cold-water paint and disinfectant. For use in poultry houses, stables, outhouses, etc. Prices, 1 lb., 35c; 5 lbs., \$1.50; 10 lbs., \$2.50.

TOBACCO DUST.

Genuine Tobacco Dust, ground fine for use in the home garden and truck field. Full nicotine strength, free of sticks, grit and other foreign matter. Prices, 1 lb., 20c; 5 lbs., 85c; 10 lbs., \$1.50.

DUSTING SULPHUR.

Sulphur is especially valuable against red spider on strawberries, mildew of beans and "white mold" of tomatoes. Apply when plants are wet with dew. Prices, $\frac{1}{2}$ lb., 15c; 1 lb., 20c; 5 lbs., 85c; 10 lbs., \$1.50.

STEARNS' ELECTRIC PASTE.

For killing Land Crabs, Rats, Mice and Roaches, everyone should use Stearns' Electric Paste. Most effective remedy known. Prices, 2-oz. box, 35c; 10-oz. box, \$1.50. Write for special prices on quantity orders. Not mailable.

SCHNARR'S INSECTICIDE.

For use on citrus fruit in winter use 1 gallon to 66 gallons of water, during summer use 1 gallon to 88 gallons of water. For use on deciduous fruits and shade trees use only in the winter, and then use 1 gallon to 20 gallons of water. Controls the White Fly and various Scale Infections. Will kill Scale Insects on all fruit trees, including Nut Trees. Hundreds of orchardists have found it to be the most efficacious, cheapest and most easily applied spray that is to be had. Not mailable. 8-oz. bottle, 35c; $\frac{1}{2}$ gallon, \$1.00; gallon, \$1.75; 5 gallons, \$1.35 per gallon; 10 gallons, \$1.25 per gallon; $\frac{1}{2}$ barrel, \$1.15 per gallon; barrel of 50 gallons, \$1.00 per gallon. Prices subject to change.

FISH OIL SOAP.

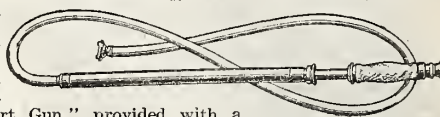
35c per pound, postpaid. Used very largely for spraying fruit and shade trees.

TARGET BRAND WHITE FLY DESTROYER.

Destroys the White Fly and Scale, removes the Sooty Mould from leaves and fruit. A miscible oil which mixes readily with nearly all kinds of water and when sprayed on the leaves and fruit kills the larvae of the White Fly and removes the sooty mould. Prices, 1 quart, 75c; 1 gallon can, \$2.50; 5 gallon can, \$8.75; express or freight only, not prepaid.

The Standard Spray Pump

The Bucket Outfit—with $3\frac{1}{2}$ feet of hose. The Standard Spray Pump is in reality simply a very carefully designed and accurately made "Squirt Gun," provided with a proper outfit of nozzles.



Its plan of operation is quite different from other types of spraying apparatus, since the hose is used on the suction end instead of the discharge end. This makes it possible to use the pump with a bucket, barrel, tank or knapsack, depending upon the number of trees or the kind of spraying to be done.

For bucket use a $3\frac{1}{2}$ -foot length of hose is supplied. To use it with barrel or tank for a large orchard, a longer hose up to 25 or 30 feet is desirable. The work of spraying is all done from the ground. No ladders or platforms needed. Since a large tree can be completely sprayed with ten or a dozen strokes of the pump, the work is done rapidly and at a minimum of labor.

For spraying young or scattered trees or truck crops such as potatoes, tobacco, etc., the knapsack and short extension are used. With these attachments the Standard will spray potatoes one row at a time at the rate of an acre an hour or better.

What the Standard Will Do

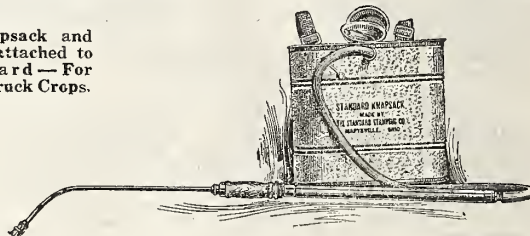
Spray orchards, large or small.
Spray vineyards and bushes.
Spray potatoes and all truck crops.
Spray Whitewash.
Spray Cattle Dip and disinfectants.
Spray the tallest fruit trees from the ground.
Saves over half the time and does its work thoroughly.

The Standard is made entirely of brass. No leather packings. No iron castings to rust or decay. Nothing to get out of order.

WARRANTED FOR FIVE YEARS.

The Standard with $3\frac{1}{2}$ feet of hose and full set of nozzles, each.. \$5.00
Knapsack attachments, each 3.50
Extensions, 19 inches long, each 1.00
Extra Hose, per foot20

The Knapsack and Extension attached to the Standard—For Potatoes, Truck Crops.



"BLACK LEAF 40"

Nicotine Sulphate—40% Nicotine

This is the insecticide that is so highly recommended by Experiment Stations. It destroys Aphis (plant lice), Thrips, Leaf-hoppers on all tree, bush and vine fruits, vegetables, field crops, flowers and shrubs; also Apple Red Bug, Pear Psylla and similar soft-bodied sucking insects—all without injury to foliage.

May be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles.

You can not go wrong by ordering "Black Leaf 40" for sucking insects.

PRICES:

1 oz., 35c—makes 6 gallons spray.
 $\frac{1}{2}$ lb., \$1.35—makes 40 to 120 gals. spray.
2 lbs., \$3.75—makes 160 to 500 gals. spray.
10 lbs., \$15.75—makes 800 to 2500 gals. spray.



Note.—Insecticides of a poisonous nature can't be sent by mail. Must go express or freight.

SEEDS, BULBS, PLANTS, GARDEN AND POULTRY SUPPLIES

HUDSON NEW MISTY SPRAYER (No. 4512)

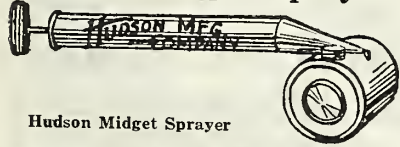


The best-selling quart-size sprayer. Made of good stock and carefully tested. The nose of the pump passes through the top of the can, keeping the air nozzle and spray tube always in line and adding great strength to the whole sprayer. Every one carefully tested and will give more service for the investment than any others of its type.

Pump 1 1/4 in. diameter, 14 in. long, pointed nose, selected plunger leather and heavy rod.

Tank 4 in. diameter, 4 1/2 in. long, lock seamed. Capacity one full quart. Length over-all 21 in. 75c, postpaid.

Hudson Midget Sprayer



A small, well-made sprayer which will handle all kinds of liquids perfectly. The pointed nose of the pump passes through the tank, making a very strong and durable sprayer. Pump 1 1/4 in. diameter, 10 in. long; tank 3 in. diameter, 3 in. long; capacity, 3/4 pint. Length over-all 14 in. 50c postpaid.

Hudson Midget Sprayer long; capacity, 3/4 pint. Length over-all 14 in.

HUDSON PERFECTION COMPRESSED AIR SPRAYER (No. 110)



The Hudson Perfection Sprayer has a tank made like a steam boiler. The all-riveted seams give the necessary strength for developing a high pressure, which is absolutely essential for good results. The pump is placed inside the tank where it can not become damaged, and it is threaded at the top so that it can be easily removed.

Pump 1 1/4 in. diameter, 15 in. long, seamless brass tubing, with brass valve. Has ample capacity to maintain a high pressure and even discharge.

Tank 7 1/2 in. diameter, 20 in. long, capacity four gallons. Made of first quality galvanized steel or all brass.

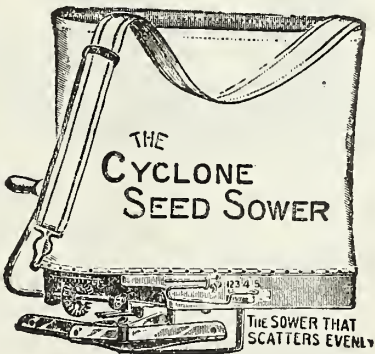
The discharge hose is attached in such a way as to eliminate the wire spring found on other models, and is equipped with our Perfection Shutoff Nozzle, which will operate perfectly at all times.

This sprayer is furnished with an all-brass pump, galvanized tank. An ideal outfit for general service. \$8.00 each, express collect.

Hudson Perfection Compressed Air Sprayer

THE CYCLONE SEED SOWER A Very Popular Seeder and Very Extensively Sold.

Has a national reputation as absolutely the best hand Sower in the market. It is guaranteed to sow perfectly even all varieties of farm seeds such as clover, timothy, red-top, alfalfa, oats, rye, wheat, millet, buckwheat, turnip, lawn grass, etc., and can be regulated to sow any amount per acre. It is strongly built and mechanically perfect. The bag holds one-half bushel. Is easily operated. This machine is guaranteed to do satisfactory work and you will be pleased with it. Weight, 5 lbs. Price, \$2.50, not prepaid.



THE SOWER THAT SCATTERS EVENLY

Red Cross Rat and Mouse Embalmer

60c, \$1.25, \$3.25

Commended by Thousands of Satisfied Users.

Poison cannot be sent by mail. Must be shipped by express or freight.

Hammond's French Bordeaux Mixture

For Potatoes, Grapes, Roses, Apples, etc. In Fine Pulp Form. (See Trade-mark.) It is a superb article, ready to dilute for use. Works freely without clogging in any spraying machine.

To be diluted 25 to 50 times in water.

This article is well made. The even distribution in minute mass is what does the real protective work. The uniformity of its

consistence permits of very fine spray, and consequently large economical distribution of a small quantity evenly over a large area of surface. It sticks effectively. The great prominence given to Bordeaux Mixture for use against Plant Diseases has caused a demand for it in convenient form for use. To prepare this mixture is troublesome, and to make a perfect chemical precipitate requires skill and facilities, both of which are used in the preparation of this article. Keep in a cool place. 1 qt. can, 75c.



BUG DEATH

It Sticks; It Stays; It Stimulates; It Saves.



Reg. U. S. Pat. Office

The INSECTICIDE which kills most bugs and worms that eat the leaves of plants, trees and vines; protects from injury by the flea-beetle; is especially valuable for potato, tomato, squash and cucumber vines, currant and gooseberry bushes, strawberry plants, etc.; helps to ward off Blight, commonly known as Rust, on these vegetables and berries.

It saves beets from wormy leaves, celery from rust, asparagus from injury, cabbages and cauliflowers from destruction.

BUG DEATH is a fine powder which may safely be used on all plants, trees and vines, as it CONTAINS NO PARIS GREEN OR ARSENIC IN ANY FORM.

In careful tests with Irish potatoes those on which BUG DEATH was applied yielded 67 5-9 bushels more per acre than those treated with Paris Green. At an average price of 50c per bushel this means

\$ 33.78 more for one acre,
67.56 more for two acres,
168.90 more for five acres,
337.80 more for ten acres, etc.

Considering a proportionate average increase of profit on other vegetables, can you afford not to use BUG DEATH?

BUG DEATH is packed and sold as follows:

By Parcel Post—Prepaid

	1st and 2nd zones	3rd zone	4th zone
1-lb. round carton (with sifter top).....	\$0.30	\$0.32	\$0.35
3-lb. carton .....	.60	.63	.70
5-lb. carton .....	.80	.85	.90
12 1/2-lb. wooden box	1.50	1.60	1.90
100-lb. Keg	9.50	not prepaid.	
Dickey Duster .....	.65	.70	.71
Acre-an-Hour Sifter .....	.85	.91	.93

(See Parcel Post Information, which will advise you the zone you are in from Jacksonville.)

Full directions for using, both dry and in water, on each package. Give this preparation a trial, and be convinced of its merits.

THE ACRE-AN-HOUR SIFTER for one or two acres.

The Diamond Slot Bug Death Duster for large areas, 2-row hand-power, 4-row horse-power. (Ask us for information.)



To apply BUG DEATH in dry form, use The Dickey Bug Death Duster For Small Gardens.

It Sticks;
It Stays;
Kills Bugs;
And Pays.



GERMOZONE

Germozone is a most effective remedy for diseases affecting the skin or mucous membrane of man, fowl or beast. It is particularly valuable to have always on hand for first aid treatment and as a preventive through its strong germicidal action.

Germozone is of especial value for keeping the bowels of chickens regular and for counteracting musty or spoiled food.

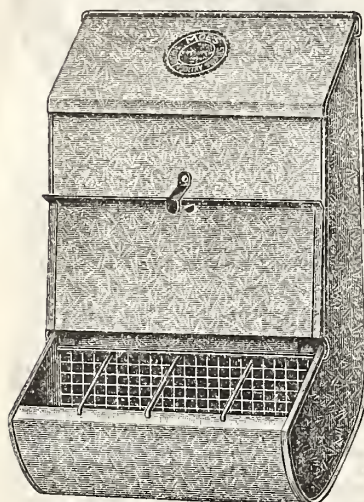
For Poultry. — Roup, colds, canker, chicken pox, sore head, swelled head, cholera, bowel trouble, etc. 4-oz. size, 40c; 12 oz., 75c; tablets, 60 for 75c.



POULTRY SUPPLIES

Poultry and eggs are demanding higher prices than ever known before and you will profit greatly by proper feeding and care of your fowls. If you are not raising poultry and have the space to do it, you are passing up a "gold mine" in your backyard.

MOE'S DRY MASH HOPPERS



Moe's Dry Mash Hoppers

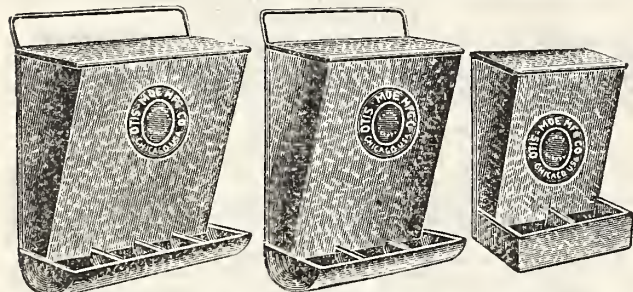
Large in capacity and small in price. Does away with all trouble of feed clogging, no matter how coarse. The gradual enlargement to the base, together with the vibration of the fowls feeding from the trough, will force the feed downward. It is a great feed saver. Every safeguard has been placed in the construction of the trough to prevent the birds from throwing out the feed. A trial will convince you that it is a hopper of the greatest merit. Manufactured of heavy galvanized iron in three sizes.

No. 35—8½ in. wide, 12-qt. capacity, each, \$1.60.

No. 36—12 in. wide, 18-qt. capacity, each, \$2.25.

No. 37—24 in. wide, 36-qt. capacity, each, \$2.75.

GRIT AND SHELL BOXES



No. 90. Four compartment, round bottom No. 9. Three-compartment, round bottom No. 45. Two-compartment, square bottom

Grit, shell and charcoal have now become a recognized essential part of the diet, insuring healthy fowls. They cannot be more economically supplied than in one of our inexpensive compartment boxes. Can also be used as a feed hopper for little chicks. Made of heavy galvanized iron in three sizes:

No. 45—For baby chicks, each.....\$.60
No. 9—For grown birds, each.....1.35
No. 90—For grown birds, each.....1.75

Apaco Poultry Feeder

(Patented)

Acknowledged by expert poultrymen, agricultural colleges, and professors of poultry husbandry as the most perfect device ever invented for automatically feeding grain to poultry.

The body of the Feeder is filled with scratch grain, the bait bar baited with whole corn, and the machine automatically cares for the flock without further attention than filling when empty.

Saves 25 per cent of the feed account; reduces labor; increases egg production, and keeps birds in perfect condition.

The Apaco Feeder is guaranteed the best and most perfect automatic feeder ever placed on the market at its price.

Made in one size only, 12-quart capacity, postpaid, \$1.90.

Shipping weight, 5 pounds.

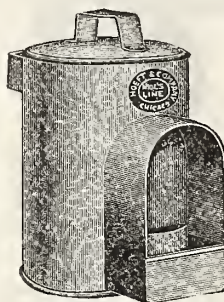


Red Cross Insecticide Powder

An Insect Exterminator that invariably gets results. It is not a powder that drives insects away temporarily. It kills them off completely.

Per Pkg., 75c and \$5.00.

Poison cannot be sent by mail.



No. 98

MOE'S IMPROVED WALL FOUNTAIN

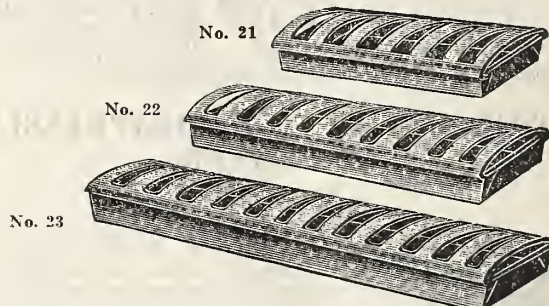
This is a very popular style of fountain, having the handle soldered firmly to the top it is handled as if in one piece; to fill, simply lay it down on back. May be hung on wall. The protected hood prevents dust falling in the water. A removable plate in the drinking cup prevents any floating rubbish from being drawn into the reservoir.

No. 97—About ½-gal. capacity, shipping weight 1 lb., 65c.

No. 98—About 1-gal. capacity, shipping weight 2 lbs., 90c.

No. 99—About 2-gal. capacity, shipping weight 2¼ lbs., \$1.25.

MOE'S SANITARY FEEDING TROUGHS

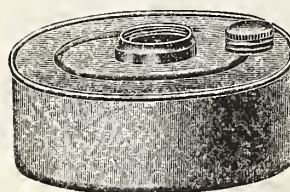


No. 23

Can be used for feed, wet mash or water. Barred top prevents wasting of feed, and if used for water does away with the little chicks drowning. The feed saved by using this trough will more than pay for itself in a few weeks. Made of the best grade of galvanized iron in three sizes, namely:

No. 21—12 inches long, each.....\$.50
No. 22—18 inches long, each......85
No. 23—24 inches long, each.....1.15

MOE'S LAMP BOWLS, CHIMNEYS AND BURNERS



Lamp Bowls are made of heavy galvanized iron, the two larger sizes are reinforced by a collar inside, making the top and bottom perfectly rigid.



No. 100—Lamp bowl for No. 1 burner, each.....\$.65
No. 101—Lamp bowl for No. 2 burner, each......75
No. 102—Lamp bowl for No. 3 burner, each......90

SUN HINGE BURNERS.

No. 202—No. 1 size, each.....\$.50
No. 203—No. 2 size, each......90

ZENITH (CHIMNEYLESS) BURNERS.

No. 200—No. 1 size wick, each.....\$.65
No. 201—No. 2 size, each......80

METAL CHIMNEYS.

No. 103—For Nos. 1 and 2 burners, each.....\$.40
No. 104—For No. 3 burner, each......40

FELT LAMP WICKS.

No. 208—No. 1 size burner, each, 5c; doz.....\$.40
No. 209—No. 2 size burner, each, 5c; doz......50
No. 210—No. 3 size burner, each, 5c; doz......60

THERMOMETERS.

The Incubator Thermometers are all seasoned tubes—tubes that are at least one year old.
"Tri-Tested" Thermometers, each, postpaid.....\$1.00

BROODER THERMOMETERS.

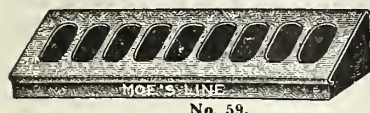
These Brooder Thermometers are designed to go through the top of the Brooder or Hover so that the temperature may be read from the outside.
Brooder Thermometers, each, postpaid.....\$1.00

SEEDS, BULBS, PLANTS, GARDEN and POULTRY SUPPLIES

Moe's Baby Chick Feed Trough

Some poultrymen prefer a feeder that may be set in the corner of a brooder or may be hung up; this style meets these requirements and at the same time retains the

"feed saving" characteristics of the Nos. 11 and 12 Round Feeders.
No. 55—Single, 12-inch, each.....\$.50
No. 56—Single, 18-inch, each......60
No. 57—Single, 24-inch, each......90



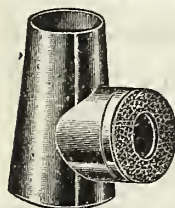
No. 59.

No. 58—Double, 12-inch, each.....\$.65
No. 59—Double, 18-inch, each......85
No. 60—Double, 24-inch, each.....1.00

MOE'S EGG TESTER

This tester gives a strong reflected light and when used in a dark room illuminates the interior of the egg sufficient for practical work.

No. 48—Egg Tester, each, 35c.



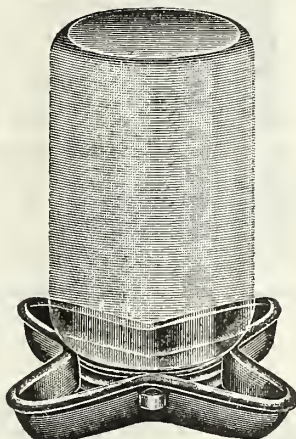
MOE'S STAR JAR FOUNTAIN AND FEEDER

(Patented)

The Most Simple, Practicable and Durable Mason Jar Fountain on the Market.

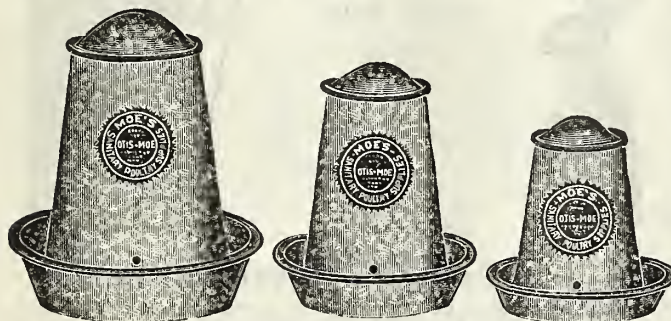
Will fit pint, quart or one-half gallon Mason jar. Manufactured of one piece of non-rusting metal. No parts to come unsoldered. Leaking impossible. Convenient, cheap and sanitary. Provides greater drinking surface than the round fountain. Little chicks cannot get drowned. Can be used for feed as well as water. Manufactured in one size only.

No. 32, without the jar, each, 25c.



Star Jar Fountain

MOE'S BOTTOM FILL FOUNTAINS



A General Utility Fountain at a Low Price.

No. 19—About 1-quart capacity, each.....\$.45
No. 20—About 1/2-gallon capacity, each......60
No. 24—About 1-gallon capacity, each......85



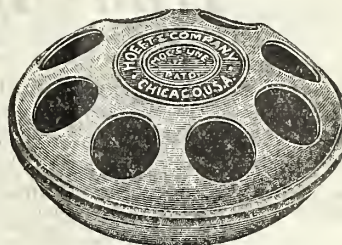
Moe's Water and Feed Cups for Exhibition Coops

Holds about one pint, hangs straight when applied to the coop. May be attached to any exhibition coop.
No. 61—Packed 48 in. Weight, 24 lbs. Price, each, postpaid, 25c.

NEST EGGS

No. 66—Moe's Disinfectant Nest Eggs, each, 10c; doz.....\$.75
No. 67—Moe's China Nest Eggs, each, 6c; doz......75

Moe's Round Baby Chick Feeders



Patented No. 12 Feeder

The most convenient and commodious feeder on the market for the price. A great feed saver, as the little chicks cannot get into it and contaminate the feed. Can also be used for water. This is not a novelty, but a practical, well-made feeding device that will last for years. Made of the best grade of galvanized iron in two sizes.

No. 11, small size, each... 25c
No. 12, large size, each... 35c

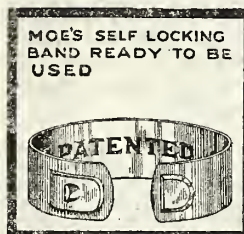


MOE'S BROODER FOUNTAIN

Is made three-cornered to fit in the corner of brooders; takes up little room; cannot be upset. May be hung up if desired. Easily cleaned and filled.

No. 0—1-quart capacity, each, 60c, postpaid.

MOE'S SELF-LOCKING LEG BANDS



Prices postpaid.

A sealed band that requires no sealer. Locked simply by pushing it together. Made of a bright nickel-colored metal that will not rust or corrode. Manufactured in eight sizes. Numbered consecutively with embossed numbers from 1 to 5,000. When ordering, please state what you are going to use bands on and we will send you proper size.

12 bands, any size.....\$.20
25 bands, any size......30
50 bands, any size......50
100 bands, any size......90
500 bands, any size.....4.00
1,000 bands, any size.....7.50

MOE'S ADJUSTABLE LEG BAND

Made of Aluminum with very large numbers. Adjustable to all sizes of Poultry.

12 bands\$.15
25 bands30
50 bands50
100 bands85
500 bands 3.75
1,000 bands 6.50



Moe's Key Ring Leg Bands

Made of Celluloid in six sizes and ten colors. They are snapped on the bird without difficulty and make identification easy at a glance. Splendid for marking ages, blood lines, etc. Prices postpaid.

COLORS.

Black, White, Dark Blue, Pink, Light Blue, Red, Garnet, Green, Yellow, Purple.



Poultry Sizes.

12 bands\$.15
25 bands30
50 bands50
100 bands85
500 bands 3.75
1,000 bands 7.25

Baby Chick and Pigeon Sizes.

12 bands\$.10
25 bands20
50 bands35
100 bands60
500 bands 2.50
1,000 bands 4.50

Importance of Poultry Raising

The high price of Eggs and the high prices Poultry is bringing in our markets should cause poultry raisers everywhere to increase their capacity and consider the best and most economical methods of feeding for profitable results.

There should be just as much effort to raise Poultry everywhere as there is to raise food and vegetable crops. Small flocks of Poultry can be advantageously kept in wire enclosures in back yards and suburban places with the best results. In fact, the best results from Poultry are usually obtained from flocks of twelve or fifteen.

The ordinary wastage from household use, such as outside cabbage and lettuce leaves, turnip tops, ground or crushed bones, and nearly all left-over scraps, make excellent poultry food, and feeding to poultry provides one of the best means of using up these waste products. Every effort should be made to increase poultry production, not only in small city or suburban lots but by poultry raisers and farmers everywhere, as it is one of the best and most efficient methods of increasing our food production and, at the same time, one of the most profitable enterprises that can be undertaken at the present time.

E. A. MARTIN SEED COMPANY, JACKSONVILLE, FLORIDA



No. 306 as a Seeder
Price, \$17.75

Iron-Age Celebrated Labor-Saving Tools for Garden and Farm

This well-known line includes over 30 styles and combinations. Whether for market or home garden, seed farm, flower garden or poultry yard, you can find here just what you want.

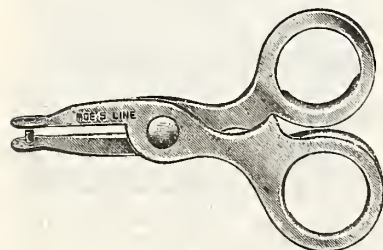
No. 306 Combined Hill and Drill Seeder, Single and Double Wheel Hoe

The "complete gardener." As a seeder this tool will open a furrow; sow the seed with remarkable accuracy, either in continuous rows or in hills 4 to 24 inches apart; cover the seed; pack the soil and mark the next row, all in one operation. Solid steel construction except the hardwood handles. 16-inch wheel. Shut-off control at finger-tips saves seed. Takes only a moment to detach seed-hopper and attach any of the tools shown in picture at the left. In this form it is known as the separate NO. 301 SINGLE AND DOUBLE WHEEL HOE. As a double wheel tool, it can be used astride your plants, and as a single wheel hoe it will do your hoeing, cultivating, weeding, ridging growing crops, etc., in a tenth of the time required with old-fashioned tools. Can be purchased either as the No. 306 or No. 301. Other attachments for special work. Price, \$10.75 for No. 301.

No. 19C Wheel Plow and Cultivator

Has a 24-inch steel wheel; a set of three cultivating teeth mounted on a bracket; two single teeth for work in narrow rows; a scuffle hoe for weeding and keeping surface in proper condition, and a strong steel plow. This plow is fitted with a landslide, or guide, which keeps the

plow in the ground and makes a clean-cut furrow. Market gardeners buy them by the hundreds and no home garden should be without one. Price, \$5.90.



MOE'S IDEAL POULTRY PUNCH

A new and improved punch of scissors type for marking Baby Chicks. Works easily, cuts clean and does not pinch the foot.

No. 39—Ideal Punch, each, 60c.



SPRATT'S DOG CAKES

The measure of success achieved by SPRATT'S DOG FOODS is the outcome of their intrinsic worth, every ingredient entering into their manufacture being chosen either as a health producer, a body-builder or vitalizer.

We sell and recommend SPRATT'S DOG FOODS because they are the best, and the best is always the cheapest in the long run. The products of this well-known firm have been on the market for over 60 years and these foods are sold in all parts of the globe.

Pkg., about 2 1/2 lbs., price 40c; postpaid, 45c. In bulk, 10-lb. lots or over, 16c per lb., f. o. b. Jacksonville.

SPRATT'S PUPPY CAKES

Pkg., about 2 lbs., price 40c; postpaid, 45c.

Comprise just the right proportion of best quality wheat meals and our pure "Meat Fibrine" to insure an alert and healthy dog.

Cat Feed.—We carry a complete line of Spratt's Cat Feed and Remedies. Write for booklets.



PEERLESS PLANT FOOD

The best fertilizer for pot plants and flowers. A scientific preparation containing in a concentrated and soluble form the food elements required for plants. Can also be used for the flower garden.

DIRECTIONS FOR USING.—For Potted Plants.—Dissolve two table-spoonfuls of this preparation in a quart of water and allow it to dissolve for 10 to 15 minutes. Water the earth in the pot about the plants with this mixture, using particular care not to spray the leaves or stalk of the plant, as the benefit is derived through the roots. Use it in this manner every second or third day until the plants are in a flourishing condition, and then discontinue until again needed.

FOR PLANTS SET IN YARD.—Sprinkle a small quantity of the dry material around the roots, not too near the plants; then work into the soil with a trowel or rake and sprinkle lightly with water.

ANALYSIS.—Ammonia, 5 per cent; available phosphoric acid, 7 per cent; potash (K₂O), 5 per cent; nitrate of soda, dissolved bone black, high-grade super-phosphate, plaster and sulphate of potash. Specially prepared for and for sale exclusively by us. Per pound, 25c.



HAMMOND'S SLUG SHOT

Used from Ocean to Ocean for 39 Years.

SLUG SHOT is an Insecticide to destroy Potato Slugs and Cabbage Worms on Cabbage and similar plants, and certain Worms on Currants, Tomatoes and Eggplants; Flea Beetles, Striped Cucumber Beetles and similar leaf-eating Insects; certain Slugs and Caterpillars on trees and bushes.

SLUG SHOT kills many Injurious Insects without injury to the Foliage.

IF YOU WANT CABBAGE FREE FROM WORMS, USE HAMMOND'S SLUG SHOT.

How to Destroy Cabbage Worms.—Slug Shot can be used lightly or heavily and the cabbage suffers no harm. The cabbage forms its head by interior growth; it throws off its earlier and outside leaves, and no dust can enfold within its head. Apply Slug Shot with a duster (see illustration), sieve it over the plants or full-grown cabbages. The powder is very fine and goes a long way in field or garden. 1-lb. can, 35c; 5-lb. pkg., \$1.50; 10-lb. pkg., \$2.75, postpaid.

RABBIT SUPPLIES

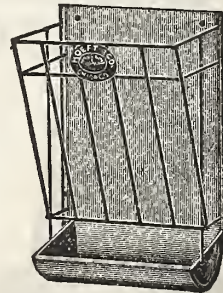
There has been a growing interest in the RABBIT INDUSTRY in our state for the past few years, and the care and breeding of various BREEDS of RABBITS has reached proportions larger than can be realized.



Moe's Hay and Feed Rack

For holding roots or hay, alfalfa, clover, etc. It prevents scattering hay and wasting. The round trough at the bottom catches the small, tender leaves. Feed saved soon pays for rack. May be used to feed cabbage and mangels to Poultry.

No. 44—Hay Rack, each, 90c, postpaid.



Moe's Feed and Water Dish

Made of Galvanized Iron. Rolled in top prevents wasting. Dish held to the floor of Hutch by simple locking device, easy to remove for cleaning. Impossible for stock to tip over.

No. 46—Packed 12 in. Weight, 7 lbs. Price each, postpaid, 35c.

CALDWELL'S RABBIT REMEDIES

Write for Booklet Giving Information.

CALDWELL'S COLD AND SNUFFLE REMEDY.—Liberal sized bottle, \$1.00, postpaid.

BUCK TONIC.—Price \$1.00, postpaid.

SLOBBERS.—Price 75c, postpaid.

VENT DISEASE.—Price 75c, postpaid.

EAR CANKER.—Price 75c, postpaid.

CALDWELL'S TONIC.—Price \$1.00, postpaid.

DIARRHOEA.—Price 75c, postpaid.

SORE EYES.—Price 75c, postpaid.

SORE HOCKS.—Price 75c, postpaid.

Martin's Garden Seed Offer

Twelve Packages of Seeds and Martin's Planting Guide, value \$1.70, sent for \$1.00, postpaid. Order Now to insure your getting this Special Offer.

\$1.70 Value

1 pkg. Early Red Valentine Beans.....	10c
1 " Early Blood Turnip Beets.....	10c
1 " Danvers' Half Long Carrots.....	10c
1 " Stowell's Evergreen Corn.....	10c
1 " Martin's Favorite Okra.....	10c
1 " Curled Mustard.....	10c
1 " Round or Long Radish.....	10c

1 pkg. Early Patty Pan Squash.....	10c
1 " Beauty Tomatoes.....	10c
1 " Long Green Cucumbers.....	10c
1 " Dwarf English Peas.....	10c
1 " Bush or Pole Butter Beans.....	10c
Guide	50c

Worth \$1.70

Value \$1.70, sent postpaid for \$1.00—All Seeds in offer are Martin's "Hy-Test," assuring you a crop of delicious vegetables. Do your bit, take advantage of this great offer.

\$1.00, Postpaid

Moe's Pressed Steel Garden Tools

This set of very useful garden tools is stamped from one piece of heavy steel. No wooden handles to break or come off. Very strong, durable and beautifully finished. Black Japanned handle, polished and sharpened blade. Complete set, \$1.00.



No. 80, Trowel, each, 35c



No. 82, Weeders, each, 35c



No. 81, Transplanting Trowel, each, 30c

Market Gardeners, Truck Growers, Etc.

We have one of the largest stocks of selected and tested seeds the seeds you need and the quantities of each and send to us for special prices.

We are in close touch with you, understand your soil and climate, and our many years' experience in the state has taught us the needs of the Florida farmer, and we are in position to serve you better than any outsider.

We have one of the largest stocks of selected and tested seed to be found in the South. We know that, quality considered, we can supply your wants at as reasonable prices as any other Seedsman or Grower, and can give you quick service. We are here to serve you and hope that you will call on us often.

Birds and Dogs

CANARY BIRDS
WONDERFUL SONGSTERS
COLLIE PUPPIES
REGISTERED DOGS

Prices Reasonable

We can also supply
BIRD SEED AND SUPPLIES
DOG FEED AND SUPPLIES

Write for further information

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HAVE A CONKEY CORNER IN YOUR POULTRY HOUSE

AND BE READY WHEN DISEASE APPEARS.

A healthy hen cannot keep from laying; therefore, make a study of poultry diseases, and by having CONKEY'S REMEDIES AND TONICS always at hand, be ready to fight the trouble just as soon as it appears.

Check over the following list and send us your order. Every poultry owner should have on his shelf these remedies all the time—they are the best poultry insurance you can get.



Conkey's Roup Remedy is a scientifically prepared medicine. Coming in contact with the membranes of the throat and mouth, the seat of the disease, it kills the germs. It is quickly taken up by the system and, being a strong tonic and blood purifier, it cleanses the blood, builds up the system and assists nature in every possible manner to throw off the disease. Postpaid price, 30c, 60c and \$1.25.

Conkey's Roup Pills.—For the individual treatment of birds and for use in the show room. Postpaid price, 30c, 60c and \$1.25.

Conkey's Canker Special.—A new remedy that effectively reduces the cankerous growth and brings the bird back to normal without a blemish. Also fine for treating colds, etc. Postpaid price, 60c.

Conkey's Sorehead Remedy.—This disease is known by different names in different localities, such as Sore Head, Pigeon Pox, Warts and Pian. Chicken Pox is very contagious, and is a very annoying and disgusting disease. If allowed to run, it leads to weakness and death.

Symptoms.—Scabby warts on the comb, lobes and face. Postpaid price, 30c and 60c.

Conkey's Poultry Tonic is the result of years of careful study and experiment. It contains no filler and is in no way harmful to the birds. It keeps the bowels in good condition, assists digestion and the assimilation of egg-producing and strength-making material; gives vigor to the fowls.

Conkey's Poultry Tonic is not a food in itself, and in its use you escape paying for bran and middlings which comprise the bulk of inferior "egg producers." Postpaid price, 30c and 60c.

Conkey's Limberneck Remedy.—Limberneck, ptomaine cholera poisoning, is a very fatal disease, requiring immediate treatment. It can be easily cured in all early stages. Postpaid price, pkg., 60c.

Conkey's Cholera Remedy.—We have put out this remedy in such a form that it must be given in the drinking water. Postpaid price, 30c and 60c.

Conkey's Scaly Leg Remedy.—Scaly Leg is caused by a parasite working in and underneath the scales of the feet and legs. Postpaid price, 30c.

Conkey's Gape Remedy.—This is a reliable remedy for this annoying and deadly disease. It is guaranteed to do the work and to satisfy you. Postpaid price, 30c and 60c.

FOR BABY CHICKS.

Conkey's Buttermilk Starting Feed makes husky chicks. Conkey's Buttermilk Starting Feed will put vim and vigor into your baby chicks at the time they need it most. It will make them strong and husky, so that they can fight off most of the chick diseases that carry off so large a percentage of the yearly hatch.

Conkey's Buttermilk Starting Feed is a perfectly balanced ration for baby chicks to be fed over the critical first several weeks. It contains clean, wholesome grain and is mixed with pure buttermilk brought to a semi-solid state. This combination is then dried so that the entire grain is saturated with the buttermilk.

Conkey's Buttermilk Starting Feed.

2½-lb. bags.....	\$0.25
5-lb. bags.....	.45
10-lb. bags.....	.85
25-lb. bags.....	2.00
100-lb. bags.....	7.50

Conkey's White Diarrhoea Remedy.—When this disease prevails it usually kills a large percentage, sometimes destroying an entire hatch. It is accompanied by a white, pasty, fecal discharge, which pastes up the feathers and closes the vent. Postpaid price, 30c and 60c.

Conkey's Head Lice Ointment.—This article will destroy the head louse which annually kills thousands of little chicks. Postpaid price, 15c and 30c.

Conkey's Poultry Conditioner is a remedy specially valuable for fowls run down, off feed, recovering from disease, during molting season or when preparing for the show room. It is a general invigorator, quickly bringing birds to a normal condition. Postpaid price, 30c.

Conkey's Lice Powder is absolutely harmless to the fowl, and positively overcomes the lice. Dust the fowls thoroughly every ten days, or two weeks, particularly during hot weather, as the nits will hatch after the old lice are killed. Also use it in the dust bath. Postpaid price, 30c, 60c and \$1.65.

Conkey's Poultry Worm Remedy.—This is a most necessary article, as it aids in ridding the fowl of harmful as well as other worms, promoting the return of healthful condition. Postpaid price, 60c.

Conkey's Nox-i-cide.—(Formerly called Taroline.) This is the poultryman's best friend. The majority of dangerous poultry diseases may be traced to the presence of germs, which thrive unless a soluble disinfectant, deodorant and germ destroyer is used. Conkey's Noxi-i-cide mixes with water, in correct proportion for using, one gallon making 101 gallons of ready-to-use liquid. It is the cheapest and most effective article of its kind ever put out. For poultry, it is an unexcelled article for cleaning and purifying the houses, runs, brooders, founts and utensils. For household use it is of wonderful value in almost every department. It is unequaled for the sick room and for purifying everything about the house, barns, out-houses, kennels, etc.

Price, 1 pint, 50c; 1 quart, 75c; 2 quarts, \$1.30; 4 quarts, \$2.00.

Conkey's Fly Kicker.—Many infectious and dangerous diseases are communicated by flies and other pests. Beside this, they are a source of constant worry to man, beast and fowl. Conkey's Fly Kicker makes it possible for you to overcome such insects. Spray it on your stock and wherever flies congregate and you will find that your stock is far more profitable and your own comfort will be greatly increased. We guarantee it to give satisfaction. Price, 1 quart, 75c; 2 quarts, \$1.30; 4 quarts, \$2.00.

Conkey's Sulphur Candles.—For fumigation. Postpaid price, 15c; 3 for 35c.

Every Conkey Remedy is guaranteed to give satisfaction or money back.

Send 5 cents for Conkey's Poultry Book. It tells how to detect and cure poultry diseases.

Conkey's Poultry Tonic.—Contains no cayenne pepper. It is a laying tonic, molting powder and regulator of a high type and is prepared with the same care that has made the efficiency of Conkey Poultry Remedies world famous. A little in the feed of breeding birds in early spring means vitality and strength in the hatching eggs.

You can give Conkey's Poultry Tonic to every bird in your flock every day in the year. It will pay you well to help your birds.

In Pails. (Express or Freight) In Bags.

12 lbs.....	\$1.60	50 lbs.....	\$5.00
25 lbs.....	3.00	100 lbs.....	9.50

In Packages.

1½ lbs., postpaid.....	\$0.30
3¼ lbs., postpaid.....	.60

CONKEY'S STOCK TONIC.

In Pails.

12 lbs.....	\$2.10
25 lbs.....	3.45

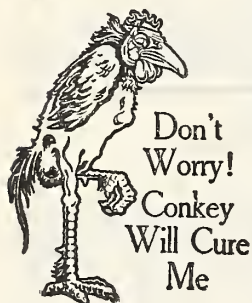
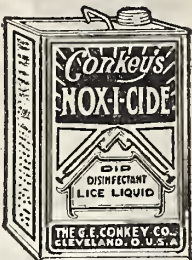
In Bags.

50 lbs.....	\$4.75
100 lbs.....	9.00

In Packages.

1½ lbs.....	\$0.30
3¼ lbs.....	.60

Prices Subject to Change.



**MARTIN'S
RUBY KING
PEPPER**



MARTIN'S EARLY SUWANEE CABBAGE

**The Quickest Maturing Flathead Cabbage
in Existence**

We offered this wonderful variety for the first time in our catalog in 1918. We are now getting very complimentary reports from every section. Early Suwanee will mature about twelve to fifteen days earlier than Jersey Wakefield. The heads are very firm, almost round, but slightly flattened on top. Is not only a quick maturing variety, but the leaves are very finely webbed and have a very delicate flavor.

For quick, sure results, either in home garden or for market, our suggestion is, plant Early Suwanee Cabbage. But to do this it will be necessary for you to get your order in **EARLY**. Packet, 15c.

See Pages Nine and Twenty-seven for our prices in large quantities.

*GROWN FROM
Martin's Hy-Test Seeds*

MARTIN'S BIG BOSTON LETTUCE



MARTIN'S ROYAL KING PEPPER



WATERFRONT AND DOCK AT ROSELAND FARMS



OKRA FIELD AT ROSELAND FARMS



"ROSELAND'S LIVE WIRES"



ENTRANCE TO ROSELAND FARMS

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